CERTIFIED LEADFREE OPTIONS AVAILABLE

"Apollo" Valves Made In The USA



PRICE LIST 2016

REV. 6/29/15

COMMERCIAL PRODUCTS

effective March 23, 2015

CPPL9000

APOLLO VALVES 5 YEAR WARRANTY MADE IN USA

- BALL VALVES
- BUTTERFLY VALVES
- PRESSURE RELIEF VALVES
- BACKFLOW PREVENTERS
- GATE, GLOBE & CHECK VALVES
- PRESSURE REDUCING VALVES
- PIPELINE STRAINERS
- WATER GAUGES
- PLUMBING | HEATING SPECIALTIES
- APOLLOXPRESS®

TERMS & CONDITIONS OF SALE

Payment: 2% 10th prox. Net 30 days. All prices F.O.B. Matthews, NC or Pageland, SC, with freight allowed on shipment with net weight of 750 pounds and over or $5,000 net to all shipping points within the United States, excluding Alaska and Hawaii. No freight will be allowed on Air Freight, Air Express, Parcel Post or UPS shipments. Claims for shortages must be made within 10 days of receipt of material. Our responsibility ends when a receipt is furnished us by the carrier. No invoice rendered for less than $50.00.

Products may be combined to make sufficient weight for full allowance. Phone order quoted prices are subject to correction. Prices and designs are subject to change without notice. Orders for material or special design or specification are made to customer's order and are not subject to cancellation or return. Goods returned to us will not be accepted unless a full explanation has been made and our written authorized permission obtained. All goods returned — if accepted — will be credited at invoice price, less 30% for service and rehandling charges, plus shipping expenses. We reserve the right to adjust orders to box quantities.

Please note that throughout our price list some products are listed P.O.A. (Price On Application). This is to eliminate a confusing and lengthy price list. For example, we can supply bodies in various alloys. We can also supply many different options. In addition to the above, we can also supply fabricated products to your specifications. Special handling fee for same day shipments $20.

Conbraco offers special coatings and galvanized coating. Please contact the factory for pricing.

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. This information is confidential. Failure on the part of the Representative or Distributor to exercise proper control over this information could result in the termination of existing contract agreements.

WARRANTY AND LIMITATIONS OF LIABILITY

Conbraco Industries, Inc. warrants, to its initial purchaser only, that its products which are delivered to this initial purchaser will be of the kind described in the order or price list and will be free of defects in workmanship or material for a period of FIVE years from the date of delivery to you, our initial purchaser. This warranty applies to Apollo brand product with "Made in the USA" markings only.

Should any failure to conform to this warranty appear within **FIVE** years after the date of the initial delivery to our initial purchaser, Conbraco will, upon written notification thereof and substantiation that the goods have been stored, installed, maintained and operated in accordance with Conbraco's recommendations and standard industry practice, correct such defects by suitable repair or replacement at Conbraco's own expense.

APOLLO INTERNATIONAL PRODUCTS: Conbraco Industries, Inc. warrants its International products, to its initial purchaser only, that its international products which are delivered to this initial purchaser will be of the kind described in the order or price list and will be free of defects in workmanship or material for a period of **TWO** years from the date of delivery to you, our initial purchaser.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESSED OR IMPLIED, EXCEPT THE WARRANTY OF TITLE AND AGAINST PATENT INFRINGEMENT. Correction of non-conformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Conbraco to our initial purchaser, with respect to the goods, whether based on contract, negligence, strict tort or otherwise. It is the intention of Conbraco Industries, Inc. that no warranty of any kind, whether expressed or implied shall pass through our initial purchaser to any other person or corporation.

LIMITATION OF LIABILITY: Conbraco Industries, inc. SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES SUCH AS, BUT NOT LIMITED TO, DAMAGES OR TO LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF PURCHASED OR REPLACEMENT GOODS, OR CLAIMS OF CUSTOMERS OF OUR INITIAL PURCHASER. THE REMEDIES OF OUR INITIAL PURCHASER, AND ALL OTHERS, SET FORTH HEREIN, ARE EXCLUSIVE, AND THE LIABILITY OF CONBRACO WITH RESPECT TO SAME SHALL NOT, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE PRICE OF THE GOODS UPON WHICH SUCH LIABILITY IS BASED.

* It is the end user's responsibility to confirm that items intended for use satisfy local codes and standards.



U.S. Safe Drinking Water Act Warning – Lead Free:



It is illegal in the United States to sell or install any plumbing product intended to convey or dispense water for human consumption that is not Lead Free*.

Apollo Valves manufactures both standard and lead free valves for a wide range of markets and applications.

- Non-potable applications are outside the scope of the new legislation.
- For potable water service, lead free valves must be used. Apollo Valves offers over 7,000 individual SKU's that are ANSI 3rd party certified as lead free. These are identified in our catalogs and price sheets as "Lead Free".

Throughout this price book, products that have Lead Free* models will be identified with this logo.

* LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

For more information on lead free products, pricing and legislation, please visit our website at www.apollovalves.com/lead_free

** Any imported products are clearly identified as "Apollo International" or "Conbraco International".

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Backflow Preventers

DC 4A Double Check Valves

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A103A2F	1/2	With Ball Valves	5.1	334.19
4A103A4F	1/2	With Union Ball Valves	5.6	366.54
4A104A2F	3/4	With Ball Valves	7.0	380.15
4A104A4F	3/4	With Union Ball Valves	9.7	472.89
4A105A2F	1	With Ball Valves	10.0	426.53
4A105A4F	1	With Union Ball Valves	13.0	500.69
4A106A2F	1-1/4	With Ball Valves	18.7	945.75
4A106A4F	1-1/4	With Union Ball Valves	23.7	1,177.52
4A107A2F	1-1/2	With Ball Valves	28.8	945.75
4A107A4F	1-1/2	With Union Ball Valves	30.0	1,270.26
4A108A2F	2	With Ball Valves	36.5	1,094.07
4A108A4F	2	With Union Ball Valves	35.8	1,502.04

DCLF 4A Lead Free Double Check Valves

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF103A2F	1/2	With Ball Valves	5.1	445.58
4ALF103A4F	1/2	With Union Ball Valves	5.6	488.72
4ALF113A2F	1/2	With Ball Valves/Strainer	5.9	507.52
4ALF113A4F	1/2	With Union Ball Valves/Strainer	6.4	550.66
4ALF104A2F	3/4	With Ball Valves	7.0	506.86
4ALF104A4F	3/4	With Union Ball Valves	9.7	630.50
4ALF114A2F	3/4	With Ball Valves/Strainer	8.9	618.05
4ALF114A4F	3/4	With Union Ball Valves/Strainer	11.6	741.71
4ALF105A2F	1	With Ball Valves	10.0	568.72
4ALF105A4F	1	With Union Ball Valves	13.0	625.86
4ALF115A2F	1	With Ball Valves/Strainer	12.8	741.71
4ALF115A4F	1	With Union Ball Valves/Strainer	15.8	840.61
4ALF106A2F	1-1/4	With Ball Valves	18.7	1,185.71
4ALF106A4F	1-1/4	With Union Ball Valves	23.7	1,570.02
4ALF107A2F	1-1/2	With Ball Valves	22.0	1,260.99
4ALF107A4F	1-1/2	With Union Ball Valves	30.0	1,693.68
4ALF108A2F	2	With Ball Valves	26.4	1,458.75
4ALF108A4F	2	With Union Ball Valves	35.8	2,002.71
4ALF10901	2-1/2"	W/O SHUTOFFS	22	1,994.61
4ALF10902	2-1/2"	NRS - FXF	108	3,266.38
4ALF10903	2-1/2"	OS&Y - FXF	118	3,406.53
4ALF10906	2-1/2"	OS&Y X PIV - FXF	116	3,406.53
4ALF10909	2-1/2"	BFV - GXG	49	3,877.17
4ALF10001	3"	W/O SHUTOFFS	23	2,106.67
4ALF10002	3"	NRS - FXF	134	3,384.41
4ALF10003	3"	OS&Y - FXF	144	3,563.41
4ALF10006	3"	OS&Y X PIV - FXF	142	3,563.41
4ALF10009	3"	BFV - GXG	53	3,899.57

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF10A01	4"	W/O SHUTOFFS	39	3,070.37
4ALF10A02	4"	NRS - FXF	188	4,020.16
4ALF10A03	4"	OS&Y - FXF	194	4,190.92
4ALF10A06	4"	OS&Y X PIV - FXF	192	4,190.92
4ALF10A09	4"	BFV - GXG	83	4,571.91
4ALF10C01	6"	W/O SHUTOFFS	75	4,930.51
4ALF10C02	6"	NRS - FXF	314	6,240.59
4ALF10C03	6"	OS&Y FXF	324	6,544.11
4ALF10C06	6"	OS&Y X PIV - FXF	321	6,544.11
4ALF10C09	6"	BFV - GXG	143	7,093.38
4ALF10E01	8"	W/O SHUTOFFS	208	9,838.58
4ALF10E02	8"	NRS - FXF	671	11,914.39
4ALF10E03	8"	OS&Y - FXF	685	12,303.83
4ALF10E06	8"	OS&Y X PIV - FXF	682	12,303.83
4ALF10E09	8"	BFV - GXG	339	13,357.17
4ALF10G01	10"	W/O SHUTOFFS	702	12,707.24
4ALF10G02	10"	NRS - FXF	1548	18,154.98
4ALF10G03	10"	OS&Y - FXF	1588	18,601.42
4ALF10G06	10"	OS&Y X PIV - FXF	1584	18,601.42
4ALF10G09	10"	BFV - GXG	920	20,147.80
4ALF10H01	12"	W/O SHUTOFFS	805	23,146.45
4ALF10H02	12"	NRS - FXF	1943	30,770.55
4ALF10H03	12"	OS&Y - FXF	1997	31,600.01

Backflow Preventers

DCLF 4AN — Lead Free N-Flow Double Check Valves

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF10902	2-1/2"	NRS - FXF	116	3,882.24
4ANLF10903	2-1/2"	OS&Y - FXF	126	3,993.70
4ANLF10906	2-1/2"	OS&Y X PIV - FXF	124	3,993.70
4ANLF10909	2-1/2"	BFV - GXG	57	4,486.76
4ANLF10002	3"	NRS - FXF	141	4,105.07
4ANLF10003	3"	OS&Y - FXF	151	4,267.12
4ANLF10006	3"	OS&Y X PIV - FXF	149	4,267.12
4ANLF10009	3"	BFV - GXG	60	4,634.67
4ANLF10A02	4"	NRS - FXF	188	4,664.64
4ANLF10A03	4"	OS&Y - FXF	194	5,378.72
4ANLF10A06	4"	OS&Y X PIV - FXF	191	5,378.72
4ANLF10A09	4"	BFV - GXG	84	6,533.12
4ANLF10C02	6"	NRS - FXF	313	7,561.46
4ANLF10C03	6"	OS&Y - FXF	323	8,000.84
4ANLF10C06	6"	OS&Y X PIV - FXF	320	8,000.84
4ANLF10C09	6"	BFV - GXG	142	8,404.26
4ANLF10E02	8"	NRS - FXF	768	13,800.77
4ANLF10E03	8"	OS&Y - FXF	782	14,432.90
4ANLF10E06	8"	OS&Y X PIV - FXF	778	14,432.90
4ANLF10E09	8"	BFV - GXG	436	15,217.31
4ANLF10G02	10"	NRS - FXF	1431	22,084.03
4ANLF10G03	10"	OS&Y - FXF	1453	23,341.64
4ANLF10G06	10"	OS&Y X PIV - FXF	1448	23,341.64
4ANLF10G09	10"	BFV - GXG	963	24,800.49
4ANLF10H02	12"	NRS - FXF	2047	36,297.42
4ANLF10H03	12"	OS&Y - FXF	2101	37,202.83
4ANLF10H06	12"	OS&Y X PIV - FXF	2092	37,202.83

DC-4SG — Double Check Valve Assembly

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4SG-109-01	2-1/2	Less Valves	67	1,702.65
4SG-109-02	2-1/2	w/NRS Gate Valves	162	2,807.54
4SG-109-03	2-1/2	w/OS&Y Gate Valves	173	3,133.58
4SG-119-02	2-1/2	w/NRS Gate Valves & Y Strainer	256	3,706.14
4SG-119-03	2-1/2	w/OS&Y Gate Valves & Y Strainer	266	3,890.74
4SG-109-02N	2-1/2	w/NRS Gate Valves & Elbows	198	3,079.25
4SG-109-03N	2 1/2	w/OS&Y Gate Valves & Elbows	209	3,405.31
4SG-109-07	2 1/2	w/Flg x Groove Gate Valves	204	3,133.58
4SG-109-08	2 1/2	w/Grooved x Grooved Gate Valves	165	3,133.58
4SG-100-01	3	Less Valves	71	1,988.85
4SG-100-02	3	w/NRS Gate Valves	202	3,006.78
4SG-100-02N	3	w/NRS Gate Valves & Elbows	237	3,332.84
4SG-100-03	3	w/OS&Y Gate Valves	205	3,544.77
4SG-100-03N	3	w/OS&Y Gate Valves & Elbows	256	3,870.80
4SG-100-06	3	w/OS&Y Gate Valve on Inlet NRS Gate Valve w/Post Plate and Nut on Outlet	202	3,682.31
4SG-100-07	3	w/Flg x Groove Gate Valves	230	3,544.77
4SG-100-08	3	w/Grooved x Grooved Gate Valves	198	3,544.77
4SG-110-02	3	w/NRS Gate Valves & Y Strainer	289	3,577.37
4SG-10A-01	4	Less Valves	77	3,215.11
4SG-10A-02	4	w/NRS Gate Valves	263	4,220.39
4SG-10A-02N	4	w/NRS Gate Valves & Elbows	348	4,763.80
4SG-10A-03	4	w/OS&Y Gate Valves	275	4,446.79
4SG-10A-03N	4	w/OS&Y Gate Valves & Elbows	360	4,990.20
4SG-10A-06	4	w/OS&Y Gate Valve on Inlet NRS Gate Valve w/Post Plate and Nut on Outlet	263	4,403.53
4SG-10A-07	4	w/Flg x Groove Gate Valves	254	4,446.79
4SG-10A-08	4	w/Grooved x Grooved Gate Valves	233	4,446.79
4SG-11A-02	4	w/NRS Gate Valves & Y Strainer	354	4,941.56
4SG-11A-03	4	w/OS&Y Gate Valves & Y Strainer	336	5,316.22
4SG-10C-01	6	Less Valves	95	4,890.55
4SG-10C-02	6	w/NRS Gate Valves	389	7,027.93
4SG-10C-02N	6	w/NRS Gate Valves & Elbows	524	7,716.22
4SG-10C-03	6	w/OS&Y Gate Valves	407	7,607.52
4SG-10C-03N	6	w/OS&Y Gate Valves & Elbows	542	8,295.86
4SG-10C-06	6	w/OS&Y Gate Valve on Inlet NRS Gate Valve w/Post Plate and Nut on Outlet	398	7,469.90
4SG-10C-07	6	w/Flg x Groove Gate Valves	393	7,607.52
4SG-10C-08	6	w/Grooved x Grooved Gate Valves	379	7,607.52
4SG-11C-02	6	w/NRS Gate Valves & Y Strainer	543	7,830.53
4SG-11C-03	6	w/OS&Y Gate Valves & Y Strainer	561	9,192.45

DCDALF 4A Lead Free Double Check Detector Assemblies

TYPE 2 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF629C3	2-1/2"	OS&Y - FXF - MTR CFM	133	4,549.51
4ALF629C6	2-1/2"	OS&Y X PIV - FXF - MTR CFM	131	4,549.51
4ALF629C9	2-1/2"	BFV - GXG - MTR CFM	64	4,952.91
4ALF629E3	2-1/2"	OS&Y - FXF - MTR GPM	133	4,549.51
4ALF629E6	2-1/2"	OS&Y X PIV - MTR GPM	131	4,549.51
4ALF629E9	2-1/2"	BFV - GXG - MTR GPM	64	4,952.91
4ALF629G3	2-1/2"	OS&Y - FXF - NO MTR	129	4,437.44
4ALF629G6	2-1/2"	OS&Y X PIV - NO MTR	127	4,437.44
4ALF629G9	2-1/2"	BFV - GXG - NO MTR	60	4,840.86
4ALF620C3	3"	OS&Y - FXF - MTR CFM	159	4,796.03
4ALF620C6	3"	OS&Y X PIV - FXF - MTR CFM	157	4,796.03
4ALF620C9	3"	BFV - GXG - MTR CFM	68	5,244.27
4ALF620E3	3"	OS&Y - FXF - MTR GPM	159	4,796.03
4ALF620E6	3"	OS&Y X PIV - FXF - MTR GPM	157	4,796.03
4ALF620E9	3"	BFV - GXG - MTR GPM	68	5,244.27
4ALF620G3	3"	OS&Y - FXF - NO MTR	155	4,683.98
4ALF620G6	3"	OS&Y X PIV - FXF - NO MTR	153	4,683.98
4ALF620G9	3"	BFV - GXG - NO MTR	64	5,132.19
4ALF62AC3	4"	OS&Y - FXF - MTR CFM	209	5,199.43
4ALF62AC6	4"	OS&Y X PIV - FXF - MTR CFM	206	5,199.43
4ALF62AC9	4"	BFV - GXG - MTR CFM	98	5,602.84
4ALF62AE3	4"	OS&Y - FXF - MTR GPM	209	5,199.43
4ALF62AE6	4"	OS&Y X PIV - FXF - MTR GPM	206	5,199.43
4ALF62AE9	4"	BFV - GXG - MTR GPM	98	5,602.84
4ALF62AG3	4"	OS&Y - FXF - NO MTR	205	5,087.38
4ALF62AG6	4"	OS&Y X PIV - FXF - NO MTR -	202	5,087.38
4ALF62AG9	4"	BFV - GXG - NO MTR	94	5,490.79
4ALF62CC3	6"	OS&Y - FXF - MTR CFM	339	7,776.74
4ALF62CC6	6"	OS&Y X PIV - FXF - MTR CFM	335	7,776.74
4ALF62CC9	6"	BFV - GXG - MTR CFM	158	8,449.09
4ALF62CE3	6"	OS&Y - FXF - MTR GPM	339	7,776.74
4ALF62CE6	6"	OS&Y X PIV - FXF - MTR GPM	335	7,776.74
4ALF62CE9	6"	BFV - GXG - MTR GPM	158	8,449.09
4ALF62CG3	6"	OS&Y - FXF - NO MTR	335	7,664.67
4ALF62CG6	6"	OS&Y X PIV - FXF - NO MTR	331	7,664.67
4ALF62CG9	6"	BFV - GXG - NO MTR	154	8,337.02
4ALF62EC3	8"	OS&Y - FXF - MTR CFM	700	14,455.33
4ALF62EC6	8"	OS&Y X PIV - FXF - MTR CFM	695	14,455.33
4ALF62EC9	8"	BFV - GXG - MTR CFM	354	14,455.33
4ALF62EE3	8"	OS&Y - FXF - MTR GPM	700	14,455.33
4ALF62EE6	8"	OS&Y X PIV - FXF - MTR GPM	695	14,455.33
4ALF62EE9	8"	BFV - GXG - MTR GPM	354	14,455.33
4ALF62EG3	8"	OS&Y - FXF - NO MTR	696	14,343.26
4ALF62EG6	8"	OS&Y X PIV - FXF - NO MTR	691	14,343.26
4ALF62EG9	8"	BFV - GXG - NO MTR	350	16,091.36

TYPE 2 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF62GC3	10"	OS&Y - FXF - MTR CFM	1608	21,111.49
4ALF62GC6	10"	OS&Y X PIV - FXF - MTR CFM	1603	21,111.49
4ALF62GC9	10"	BFV - GXG - MTR CFM	940	22,680.27
4ALF62GE3	10"	OS&Y - FXF - MTR GPM	1608	21,111.49
4ALF62GE6	10"	OS&Y X PIV - FXF - MTR GPM	1603	21,111.49
4ALF62GE9	10"	BFV - GXG - MTR GPM	940	22,680.28
4ALF62GG3	10"	OS&Y - FXF - NO MTR	1604	20,999.44
4ALF62GG6	10"	OS&Y X PIV - FXF - NO MTR	1599	20,999.44
4ALF62GG9	10"	BFV - GXG - NO MTR	936	22,568.23
4ALF62HC3	12"	OS&Y - FXF - MTR CFM	2017	31,577.58
4ALF62HC6	12"	OS&Y X PIV - FXF - MTR CFM	2007	31,577.58
4ALF62HE3	12"	OS&Y - FXF - MTR GPM	2017	31,577.58
4ALF62HE6	12"	OS&Y X PIV - FXF - MTR GPM	2007	31,577.58
4ALF62HG3	12"	OS&Y - FXF - NO MTR	2013	31,465.54
4ALF62HG6	12"	OS&Y X PIV - FXF - NO MTR	2003	31,465.54

DCDALF 4A Lead Free Double Check Detector Assemblies

TYPE 1 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF609C3	2-1/2"	OS&Y - FXF - MTR CFM	136	4,885.67
4ALF609C6	2-1/2"	OS&Y X PIV - FXF	134	4,885.67
4ALF609C9	2-1/2"	BFV - GXG - MTR CFM	67	5,289.08
4ALF609E3	2-1/2"	OS&Y - FXF - MTR GPM	136	4,885.67
4ALF609E6	2-1/2"	OS&Y X PIV - FXF	134	4,885.67
4ALF609E9	2-1/2"	BFV - GXG - MTR GPM	67	5,289.08
4ALF609G3	2-1/2"	OS&Y - FXF - NO MTR	132	4,773.62
4ALF609G6	2-1/2"	OS&Y X PIV - FXF	130	4,773.62
4ALF609G9	2-1/2"	BFV - GXG - NO MTR	63	5,177.04
4ALF600C3	3"	OS&Y - FXF - MTR CFM	162	5,132.19
4ALF600C6	3"	OS&Y X PIV - FXF - MTR CFM	160	5,132.19
4ALF600C9	3"	BFV - GXG - MTR CFM	71	5,580.42
4ALF600E3	3"	OS&Y - FXF - MTR GPM	162	5,132.19
4ALF600E6	3"	OS&Y X PIV - FXF - MTR GPM	160	5,132.19
4ALF600E9	3"	BFV - GXG - MTR GPM	71	5,580.42
4ALF600G3	3"	OS&Y - FXF - NO MTR	158	5,020.14
4ALF600G6	3"	OS&Y X PIV - FXF - NO MTR	156	5,020.14
4ALF600G9	3"	BFV - GXG - NO MTR	67	5,468.37
4ALF60AC3	4"	OS&Y - FXF - MTR CFM	212	5,535.61
4ALF60AC6	4"	OS&Y X PIV - FXF - MTR CFM	209	5,535.61
4ALF60AC9	4"	BFV - GXG - MTR CFM	101	5,939.01
4ALF60AE3	4"	OS&Y - FXF - MTR GPM	212	5,535.61
4ALF60AE6	4"	OS&Y X PIV - FXF - MTR GPM	209	5,535.61
4ALF60AE9	4"	BFV - GXG - MTR GPM	101	5,939.01
4ALF60AG3	4"	OS&Y - FXF - NO MTR	208	5,423.54
4ALF60AG6	4"	OS&Y X PIV - FXF - NO MTR	205	5,423.54
4ALF60AG9	4"	BFV - GXG - NO MTR	97	5,826.94
4ALF60CC3	6"	OS&Y - FXF - MTR CFM	342	8,112.91
4ALF60CC6	6"	OS&Y X PIV - FXF - MTR CFM	338	8,112.91
4ALF60CC9	6"	BFV - GXG - MTR CFM	161	8,785.25
4ALF60CE3	6"	OS&Y - FXF - MTR GPM	342	8,112.91
4ALF60CE6	6"	OS&Y X PIV - FXF - MTR GPM	338	8,112.91
4ALF60CE9	6"	BFV - GXG - MTR GPM	161	8,785.25
4ALF60CG3	6"	OS&Y - FXF - NO MTR	338	8,000.84
4ALF60CG6	6"	OS&Y X PIV - FXF - NO MTR	334	8,000.84
4ALF60CG9	6"	BFV - GXG - NO MTR	157	8,673.19
4ALF60EC3	8"	OS&Y - FXF - MTR CFM	703	14,791.49
4ALF60EC6	8"	OS&Y X PIV - FXF - MTR CFM	698	14,791.49
4ALF60EC9	8"	BFV - GXG - MTR CFM	357	16,539.57
4ALF60EE3	8"	OS&Y - FXF - MTR GPM	703	14,791.49
4ALF60EE6	8"	OS&Y X PIV - FXF - MTR GPM	698	14,791.49
4ALF60EE9	8"	BFV - GXG - MTR GPM	357	16,539.57
4ALF60EG3	8"	OS&Y - FXF - NO MTR	699	14,679.43
4ALF60EG6	8"	OS&Y X PIV - FXF - NO MTR	694	14,679.43
4ALF60EG9	8"	BFV - GXG - NO MTR	353	16,427.51

TYPE 1 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF60GC3	10"	OS&Y - FXF - MTR CFM	1611	21,447.66
4ALF60GC6	10"	OS&Y X PIV - FXF - MTR CFM	1606	21,447.66
4ALF60GC9	10"	BFV - GXG - MTR CFM	943	23,016.45
4ALF60GE3	10"	OS&Y - FXF - MTR GPM	1611	21,447.66
4ALF60GE6	10"	OS&Y X PIV - FXF - MTR GPM	1606	21,447.66
4ALF60GE9	10"	BFV - GXG - MTR GPM	943	23,016.45
4ALF60GG3	10"	OS&Y - FXF - NO MTR	1607	21,335.60
4ALF60GG6	10"	OS&Y X PIV - FXF - NO MTR	1602	21,335.60
4ALF60GG9	10"	BFV - GXG - NO MTR	939	22,904.40
4ALF60HC3	12"	OS&Y - FXF - MTR CFM	2020	33,729.08
4ALF60HC6	12"	OS&Y X PIV - FXF - MTR CFM	2010	33,729.08
4ALF60HE3	12"	OS&Y - FXF - MTR GPM	2020	33,729.08
4ALF60HE6	12"	OS&Y X PIV - FXF - MTR GPM	2010	33,729.08
4ALF60HG3	12"	OS&Y - FXF - NO MTR	2016	33,617.02
4ALF60HG6	12"	OS&Y X PIV - FXF - NO MTR	2006	33,617.02

DCDALF 4AN Lead Free N Flow Double Check Detector Assemblies

TYPE 2 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF629C3	2-1/2"	OS&Y - FXF - MTR CFM	141	5,311.49
4ANLF629C6	2-1/2"	OS&Y X PIV - FXF - MTR CFM	139	5,311.49
4ANLF629C9	2-1/2"	BFV - GXG - MTR CFM	72	5,535.61
4ANLF629E3	2-1/2"	OS&Y - FXF - MTR GPM	141	5,311.49
4ANLF629E6	2-1/2"	OS&Y X PIV - FXF - MTR GPM	139	5,311.49
4ANLF629E9	2-1/2"	BFV - GXG - MTR GPM	72	5,535.61
4ANLF629G3	2-1/2"	OS&Y - FXF - NO MTR	137	5,199.43
4ANLF629G6	2-1/2"	OS&Y X PIV - FXF - NO MTR	169	5,199.43
4ANLF629G9	2-1/2"	BFV - GXG - NO MTR	68	5,423.54
4ANLF620C3	3"	OS&Y - FXF - MTR CFM	166	5,584.91
4ANLF620C6	3"	OS&Y X PIV - FXF - MTR CFM	164	5,584.91
4ANLF620C9	3"	BFV - GXG - MTR CFM	75	5,853.84
4ANLF620E3	3"	OS&Y - FXF - MTR GPM	166	5,584.91
4ANLF620E6	3"	OS&Y X PIV - FXF - MTR GPM	164	5,584.91
4ANLF620E9	3"	BFV - GXG - MTR GPM	75	5,853.84
4ANLF620G3	3"	OS&Y - FXF - NO MTR	162	5,472.84
4ANLF620G6	3"	OS&Y X PIV - FXF - NO MTR	160	5,472.84
4ANLF620G9	3"	BFV - GXG - NO MTR	71	5,741.79
4ANLF62AC3	4"	OS&Y - FXF - MTR CFM	209	6,230.35
4ANLF62AC6	4"	OS&Y X PIV - FXF - MTR CFM	205	6,230.35
4ANLF62AC9	4"	BFV - GXG - MTR CFM	99	6,611.35
4ANLF62AE3	4"	OS&Y - FXF - MTR GPM	209	6,230.35
4ANLF62AE6	4"	OS&Y X PIV - FXF - MTR GPM	205	6,230.35
4ANLF62AE9	4"	BFV - GXG - MTR GPM	99	6,611.35
4ANLF62AG3	4"	OS&Y - FXF - NO MTR	205	6,118.30
4ANLF62AG6	4"	OS&Y X PIV - FXF - NO MTR	201	6,118.30
4ANLF62AG9	4"	BFV - GXG - NO MTR	95	6,499.29
4ANLF62CC3	6"	OS&Y - FXF - MTR CFM	338	9,233.48
4ANLF62CC6	6"	OS&Y X PIV - FXF - MTR CFM	332	9,233.48
4ANLF62CC9	6"	BFV - GXG - MTR CFM	157	9,816.17
4ANLF62CE3	6"	OS&Y - FXF - MTR GPM	338	9,233.48
4ANLF62CE6	6"	OS&Y X PIV - FXF - MTR GPM	332	9,233.48
4ANLF62CE9	6"	BFV - GXG - MTR GPM	157	9,816.17
4ANLF62CG3	6"	OS&Y - FXF - NO MTR	334	9,121.42
4ANLF62CG6	6"	OS&Y X PIV - FXF - NO MTR	328	9,121.42
4ANLF62CG9	6"	BFV - GXG - NO MTR	153	9,704.12
4ANLF62EC3	8"	OS&Y - FXF - MTR CFM	797	17,749.79
4ANLF62EC6	8"	OS&Y X PIV - FXF - MTR CFM	791	17,749.79
4ANLF62EC9	8"	BFV - GXG - MTR CFM	451	18,870.36
4ANLF62EE3	8"	OS&Y - FXF - MTR GPM	797	17,749.79
4ANLF62EE6	8"	OS&Y X PIV - FXF - MTR GPM	791	17,749.79
4ANLF62EE9	8"	BFV - GXG - MTR GPM	451	18,870.36
4ANLF62EG3	8"	OS&Y - FXF - NO MTR	794	17,637.73
4ANLF62EG6	8"	OS&Y X PIV - FXF - NO MTR	787	17,637.73
4ANLF62EG9	8"	BFV - GXG - NO MTR	441	18,758.31

TYPE 2 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF62GC3	10"	OS&Y - FXF - MTR CFM	1473	24,988.66
4ANLF62GC6	10"	OS&Y X PIV - FXF - MTR CFM	1463	24,988.66
4ANLF62GC9	10"	BFV - GXG - MTR CFM	983	26,041.98
4ANLF62GE3	10"	OS&Y - FXF - MTR GPM	1473	24,988.66
4ANLF62GE6	10"	OS&Y X PIV - FXF - MTR GPM	1463	24,988.66
4ANLF62GE9	10"	BFV - GXG - MTR GPM	983	26,041.98
4ANLF62GG3	10"	OS&Y - FXF - NO MTR	1469	24,876.60
4ANLF62GG6	10"	OS&Y X PIV - FXF - NO MTR	1459	24,876.60
4ANLF62GG9	10"	BFV - GXG - NO MTR	979	26,041.98
4ANLF62HC3	12"	OS&Y - FXF - MTR CFM	2121	24,876.60
4ANLF62HC6	12"	OS&Y X PIV - FXF - MTR CFM	2106	24,876.60
4ANLF62HE3	12"	OS&Y - FXF - MTR CFM	2121	24,876.60
4ANLF62HE6	12"	OS&Y X PIV - FXF - MTR CFM	2106	24,876.60
4ANLF62HG3	12"	OS&Y - FXF - MTR CFM	2119	39,287.09
4ANLF62HG6	12"	OS&Y X PIV - FXF - MTR CFM	2102	39,287.09

DCDALF 4AN Lead Free N Flow Double CheckDetector Assemblies (cont'd)

TYPE 1 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF609C3	2-1/2"	OS&Y - FXF - MTR CFM	144	5,647.67
4ANLF609C6	2-1/2"	OS&Y X PIV - FXF - MTR CFM	142	5,647.67
4ANLF609C9	2-1/2"	BFV - GXG - MTR CFM	75	5,871.77
4ANLF609E3	2-1/2"	OS&Y - FXF - MTR GPM	144	5,647.67
4ANLF609E6	2-1/2"	OS&Y X PIV - FXF - MTR GPM	142	5,647.67
4ANLF609E9	2-1/2"	BFV - GXG - MTR GPM	75	5,871.77
4ANLF609G3	2-1/2"	OS&Y - FXF - NO MTR	140	5,535.61
4ANLF609G6	2-1/2"	OS&Y X PIV - FXF - NO MTR	162	5,535.61
4ANLF609G9	2-1/2"	BFV - GXG - NO MTR	71	5,759.71
4ANLF600C3	3"	OS&Y - FXF - MTR CFM	169	5,921.09
4ANLF600C6	3"	OS&Y X PIV - FXF - MTR CFM	167	5,921.09
4ANLF600C9	3"	BFV - GXG - MTR CFM	78	6,190.01
4ANLF600E3	3"	OS&Y - FXF - MTR GPM	169	5,921.09
4ANLF600E6	3"	OS&Y X PIV - FXF - MTR GPM	167	5,921.09
4ANLF600E9	3"	BFV - GXG - MTR GPM	78	6,190.01
4ANLF600G3	3"	OS&Y - FXF - NO MTR	165	5,809.02
4ANLF600G6	3"	OS&Y X PIV - FXF - NO MTR	163	5,809.02
4ANLF600G9	3"	BFV - GXG - NO MTR	74	6,077.96
4ANLF60AC3	4"	OS&Y - FXF - MTR CFM	212	6,566.52
4ANLF60AC6	4"	OS&Y X PIV - FXF - MTR CFM	208	6,566.52
4ANLF60AC9	4"	BFV - GXG - MTR CFM	102	6,947.51
4ANLF60AE3	4"	OS&Y - FXF - MTR GPM	212	6,566.52
4ANLF60AE6	4"	OS&Y X PIV - FXF - MTR GPM	208	6,566.52
4ANLF60AE9	4"	BFV - GXG - MTR GPM	102	6,947.51
4ANLF60AG3	4"	OS&Y - FXF - NO MTR	208	6,454.47
4ANLF60AG6	4"	OS&Y X PIV - FXF - NO MTR	204	6,454.47
4ANLF60AG9	4"	BFV - GXG - NO MTR	98	6,835.46
4ANLF60CC3	6"	OS&Y - FXF - MTR CFM	341	9,569.65
4ANLF60CC6	6"	OS&Y X PIV - FXF - MTR CFM	335	9,569.65
4ANLF60CC9	6"	BFV - GXG - MTR CFM	160	10,152.33
4ANLF60CE3	6"	OS&Y - FXF - MTR GPM	341	9,569.65
4ANLF60CE6	6"	OS&Y X PIV - FXF - MTR GPM	335	9,569.65
4ANLF60CE9	6"	BFV - GXG - MTR GPM	160	10,152.33
4ANLF60CG3	6"	OS&Y - FXF - NO MTR	337	9,457.60
4ANLF60CG6	6"	OS&Y X PIV - FXF - NO MTR	331	9,457.60
4ANLF60CG9	6"	BFV - GXG - NO MTR	156	10,040.28
4ANLF60EC3	8"	OS&Y - FXF - MTR CFM	800	18,085.97
4ANLF60EC6	8"	OS&Y X PIV - FXF - MTR CFM	794	18,085.97
4ANLF60EC9	8"	BFV - GXG - MTR CFM	454	19,206.53
4ANLF60EE3	8"	OS&Y - FXF - MTR GPM	800	18,085.97
4ANLF60EE6	8"	OS&Y X PIV - FXF - MTR GPM	794	18,085.97
4ANLF60EE9	8"	BFV - GXG - MTR GPM	454	19,206.53
4ANLF60EG3	8"	OS&Y - FXF - NO MTR	797	17,973.90
4ANLF60EG6	8"	OS&Y X PIV - FXF - NO MTR	790	17,973.90
4ANLF60EG9	8"	BFV - GXG - NO MTR	444	19,094.46

TYPE 1 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF60GC3	10"	OS&Y - FXF - MTR CFM	1476	25,324.82
4ANLF60GC6	10"	OS&Y X PIV - FXF - MTR CFM	1466	25,324.82
4ANLF60GC9	10"	BFV - GXG - MTR CFM	986	26,378.16
4ANLF60GE3	10"	OS&Y - FXF - MTR GPM	1476	25,324.82
4ANLF60GE6	10"	OS&Y X PIV - FXF - MTR GPM	1466	25,324.82
4ANLF60GE9	10"	BFV - GXG - MTR GPM	986	26,378.16
4ANLF60GG3	10"	OS&Y - FXF - NO MTR	1472	25,212.78
4ANLF60GG6	10"	OS&Y X PIV - FXF - NO MTR	1463	25,212.78
4ANLF60GG9	10"	BFV - GXG - NO MTR	982	26,266.11
4ANLF60HC3	12"	OS&Y - FXF - MTR CFM	2124	39,735.33
4ANLF60HC6	12"	OS&Y X PIV - FXF - MTR CFM	2109	39,735.33
4ANLF60HE3	12"	OS&Y - FXF - MTR GPM	2124	39,735.33
4ANLF60HE6	12"	OS&Y X PIV - FXF - MTR GPM	2109	39,735.33
4ANLF60HG3	12"	OS&Y - FXF - NO MTR	2124	39,623.26
4ANLF60HG6	12"	OS&Y X PIV - FXF - NO MTR	2109	39,623.26

Backflow Preventers

DCDA-4SG Double Check Detector Assembly Check

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4SG-609-C3	2-1/2	w/OS&Y Gate Valves & Meter in Cubic Feet	153	4,885.67
4SG-609-E1	2-1/2	Less Valves w/Meter in Gallons	59	3,341.89
4SG-609-E3	2-1/2	w/OS&Y Gate Valves & Meter in Gallons	153	4,963.04
4SG-609-G3	2-1/2	w/OS&Y Gate Valves Less Water Meter	149	4,800.01
4SG-600-C1	3	Less Valves w/Meter in Cubic Feet	63	3,341.89
4SG-600-C3	3	w/OS&Y Gate Valves & Meter in Cubic Feet	181	4,963.04
4SG-600-E1	3	Less Valves w/Meter in Gallons	63	3,341.89
4SG-600-E3	3	w/OS&Y Gate Valves & Meter in Gallons	181	4,963.04
4SG-600-G3	3	w/OS&Y Gate Valves Less Water Meter	177	4,800.01
4SG-60A-C1	4	Less Valves w/Meter in Cubic Feet	62	4,092.77
4SG-60A-C3	4	w/OS&Y Gate Valves & Meter in Cubic Feet	236	6,011.78
4SG-60A-E1	4	Less Valves w/Meter in Gallons	62	4,092.77
4SG-60A-E3	4	w/OS&Y Gate Valves & Meter in Gallons	236	6,011.78
4SG-60A-G3	4	w/OS&Y Gate Valves Less Water Meter	231	5,798.04
4SG-60C-C1	6	Less Valves w/Meter in Cubic Feet	64	5,807.57
4SG-60C-C3	6	w/OS&Y Gate Valves & Meter in Cubic Feet	348	8,518.65
4SG-60C-E1	6	Less Valves w/Meter in Gallons	64	5,807.57
4SG-60C-E3	6	w/OS&Y Gate Valves & Meter in Gallons	348	8,518.65
4SG-60C-G3	6	w/OS&Y Gate Valves Less Water Meter	343	8,138.89

RP4A Reduced Pressure Backflow Preventers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A203A2F	1/2	With Ball Valves	7.7	623.44
4A203A4F	1/2	With Union Ball Valves	8.2	642.40
4A204A2F	3/4	With Ball Valves	9.6	765.23
4A204A4F	3/4	With Union Ball Valves	12.3	850.24
4A205A2F	1	With Ball Valves	12.6	812.41
4A205A4F	1	With Union Ball Valves	15.6	1,067.41
4A206A2F	1-1/4	With Ball Valves	27.5	1,341.39
4A206A4F	1-1/4	With Union Ball Valves	32.5	1,549.21
4A207A2F	1-1/2	With Ball Valves	30.9	1,421.52
4A207A4F	1-1/2	With Union Ball Valves	38.9	1,815.88
4A208A2F	2	With Ball Valves	37.4	1,559.19
4A208A4F	2	With Union Ball Valves	46.8	2,118.57

Backflow Preventers

RPLF 4A Lead Free Reduced Pressure Backflow Preventers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF203A2F	1/2	With Ball Valves	7.7	831.26
4ALF203A4F	1/2	With Union Ball Valves	8.2	856.56
4ALF213A2F	1/2	With Ball Valves/Strainer	8.5	894.32
4ALF213A4F	1/2	With Union Ball Valves/Strainer	9.0	932.14
4ALF204A2F	3/4	With Ball Valves	9.6	1,020.32
4ALF204A4F	3/4	With Union Ball Valves	12.3	1,133.63
4ALF214A2F	3/4	With Ball Valves/Strainer	11.5	1,121.01
4ALF214A4F	3/4	With Union Ball Valves/Strainer	14.2	1,246.98
4ALF205A2F	1	With Ball Valves	17.6	1,083.22
4ALF205A4F	1	With Union Ball Valves	15.6	1,423.22
4ALF215A2F	1	With Ball Valves/Strainer	15.4	1,234.34
4ALF215A4F	1	With Union Ball Valves/Strainer	18.4	1,612.09
4ALF206A2F	1-1/4	With Ball Valves	27.5	1,788.53
4ALF206A4F	1-1/4	With Union Ball Valves	32.5	2,065.60
4ALF207A2F	1-1/2	With Ball Valves	30.9	1,895.36
4ALF207A4F	1-1/2	With Union Ball Valves	38.9	2,421.18
4ALF208A2F	2	With Ball Valves	37.4	2,078.92
4ALF208A4F	2	With Union Ball Valves	46.8	2,824.76
4ALF20901	2-1/2"	W/O SHUTOFFS	31	2,958.29
4ALF20902	2-1/2"	NRS - FXF	117	4,101.27
4ALF20903	2-1/2"	OS&Y - FXF	127	4,213.34
4ALF20906	2-1/2"	OS&Y X PIV - FXF	126	4,213.34
4ALF20909	2-1/2"	BFV - GXG	58	4,818.43
4ALF20001	3"	W/O SHUTOFFS	32	3,025.52
4ALF20002	3"	NRS - FXF	143	4,253.68
4ALF20003	3"	OS&Y - FXF	153	4,410.56
4ALF20006	3"	OS&Y X PIV - FXF	151	4,410.56
4ALF20009	3"	BFV - GXG	62	4,773.63
4ALF20A01	4"	W/O SHUTOFFS	48	4,146.10
4ALF20A02	4"	NRS - FXF	197	5,136.68
4ALF20A03	4"	OS&Y - FXF	203	5,365.27
4ALF20A06	4"	OS&Y X PIV - FXF	200	5,365.27
4ALF20A09	4"	BFV - GXG	92	5,804.54
4ALF20C01	6"	W/O SHUTOFFS	84	6,633.76
4ALF20C02	6"	NRS - FXF	323	8,359.43
4ALF20C03	6"	OS&Y - FXF	333	8,673.19
4ALF20C06	6"	OS&Y X PIV - FXF	329	8,673.19
4ALF20C09	6"	BFV - GXG	152	9,457.60
4ALF20E01	8"	W/O SHUTOFFS	228	13,110.65
4ALF20E02	8"	NRS - FXF	691	16,584.40
4ALF20E03	8"	OS&Y - FXF	705	17,010.22
4ALF20E06	8"	OS&Y X PIV - FXF	699	17,010.22
4ALF20E09	8"	BFV - GXG	359	18,511.78

RPLF 4A Lead Free Reduced Pressure Backflow Preventers (cont'd)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF20G01	10"	W/O SHUTOFFS	762	19,677.17
4ALF20G02	10"	NRS - FXF	1608	20,842.55
4ALF20G03	10"	OS&Y - FXF	1648	21,358.02
4ALF20G06	10"	OS&Y X PIV - FXF	1638	21,358.02
4ALF20G09	10"	BFV - GXG	980	22,859.58
4ALF20H01	12"	W/O SHUTOFFS	865	28,686.53
4ALF20H02	12"	NRS - FXF	2003	35,445.78
4ALF20H03	12"	OS&Y - FXF	2057	36,351.21
4ALF20H06	12"	OS&Y X PIV - FXF	2045	36,351.21

RP-40 Fire Hydrant Backflow Preventer

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-205-FHBG	1	w/Fire Hydrant Meter, Ball Valves & Couplings-Meter in Gallons	2760	1,979.08

RPLF 4AN Lead Free N Flow Reduced Pressure Backflow Preventers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF20902	2-1/2"	NRS - FXF	125	4,661.56
4ANLF20903	2-1/2"	OS&Y - FXF	135	4,773.62
4ANLF20906	2-1/2"	OS&Y X PIV - FXF	133	4,773.62
4ANLF20909	2-1/2"	BFV - GXG	66	5,141.16
4ANLF20002	3"	NRS - FXF	150	4,840.86
4ANLF20003	3"	OS&Y - FXF	160	4,997.73
4ANLF20006	3"	OS&Y X PIV - FXF	158	4,997.73
4ANLF20009	3"	BFV - GXG	69	5,558.02
4ANLF20A02	4"	NRS - FXF	197	6,140.70
4ANLF20A03	4"	OS&Y - FXF	203	6,364.82
4ANLF20A06	4"	OS&Y X PIV - FXF	200	6,364.82
4ANLF20A09	4"	BFV - GXG	92	6,544.11
4ANLF20C02	6"	NRS - FXF	322	9,592.05
4ANLF20C03	6"	OS&Y - FXF	332	9,905.82
4ANLF20C06	6"	OS&Y X PIV - FXF	328	9,905.82
4ANLF20C09	6"	BFV - GXG	151	10,533.34
4ANLF20E02	8"	NRS - FXF	788	18,971.68
4ANLF20E03	8"	OS&Y - FXF	802	19,385.81
4ANLF20E06	8"	OS&Y X PIV - FXF	797	19,385.81
4ANLF20E09	8"	BFV - GXG	456	20,977.03
4ANLF20G02	10"	NRS - FXF	1487	24,249.08
4ANLF20G03	10"	OS&Y - FXF	1509	24,742.13
4ANLF20G06	10"	OS&Y X PIV - FXF	1501	24,742.13
4ANLF20G09	10"	BFV - GXG	1019	26,332.61
4ANLF20H02	12"	NRS - FXF	2103	41,989.90
4ANLF20H03	12"	OS&Y - FXF	2154	42,895.32
4ANLF20H06	12"	OS&Y X PIV - FXF	2144	42,895.32

Backflow Preventers

RP-40S Reduced Pressure Backflow Preventers Stainless Steel

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-201-T2S	1/4	w/Top Test Cocks & Ball Valves, Stainless Steel	6.5	2,925.33
40-202-T2S	3/8	w/Top Test Cocks & Ball Valves, Stainless Steel	6.5	2,939.08
40-203-T2S	1/2	w/Top Test Cocks & Ball Valves, Stainless Steel	6.6	2,939.08
40-204-T2S	3/4	w/Top Test Cocks & Ball Valves, Stainless Steel	12.25	3,462.22
40-205-T2S	1	W/Ball Valves (Flow Up)	12.8	3,661.82

RPDALF 4A Lead Free Reduced Pressure Detector Assemblies

TYPE 2 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF729C3	2-1/2"	OS&Y - FXF - MTR CFM	144	6,028.66
4ALF729C6	2-1/2"	OS&Y X PIV - FXF - MTR CFM	142	6,028.66
4ALF729C9	2-1/2"	BFV - GXG - MTR CFM	75	6,544.11
4ALF729E3	2-1/2"	OS&Y - FXF - MTR GPM	144	6,028.66
4ALF729E6	2-1/2"	OS&Y X PIV - MTR GPM	142	6,028.66
4ALF729E9	2-1/2"	BFV - GXG - MTR GPM	75	6,544.11
4ALF729G3	2-1/2"	OS&Y - FXF - NO MTR	141	5,916.60
4ALF729G6	2-1/2"	OS&Y X PIV - NO MTR	139	5,916.60
4ALF729G9	2-1/2"	BFV - GXG - NO MTR	72	6,432.06
4ALF720C3	3"	OS&Y - FXF - MTR CFM	170	6,432.06
4ALF720C6	3"	OS&Y X PIV - FXF - MTR CFM	168	6,432.06
4ALF720C9	3"	BFV - GXG - MTR CFM	79	6,947.51
4ALF720E3	3"	OS&Y - FXF - MTR GPM	170	6,432.06
4ALF720E6	3"	OS&Y X PIV - FXF - MTR GPM	168	6,432.06
4ALF720E9	3"	BFV - GXG - MTR GPM	79	6,947.51
4ALF720G3	3"	OS&Y - FXF - NO MTR	167	6,320.00
4ALF720G6	3"	OS&Y X PIV - FXF - NO MTR	165	6,320.00
4ALF720G9	3"	BFV - GXG - NO MTR	76	6,835.46
4ALF72AC3	4"	OS&Y - FXF - MTR CFM	220	6,902.70
4ALF72AC6	4"	OS&Y X PIV - FXF - MTR CFM	217	6,902.70
4ALF72AC9	4"	4BFV - GXG - MTR CFM	109	7,418.16
4ALF72AE3	4"	OS&Y - FXF - MTR GPM	220	6,902.70
4ALF72AE6	4"	OS&Y X PIV - FXF - MTR GPM	217	6,902.70
4ALF72AE9	4"	BFV - GXG - MTR GPM	109	7,418.16
4ALF72AG3	4"	OS&Y - FXF - NO MTR	217	6,790.64
4ALF72AG6	4"	OS&Y X PIV - FXF - NO MTR	214	6,790.64
4ALF72AG9	4"	BFV - GXG - NO MTR	106	7,306.09
4ALF72CC3	6"	OS&Y - FXF - MTR CFM	350	9,861.00
4ALF72CC6	6"	OS&Y X PIV - FXF - MTR CFM	345	9,861.00
4ALF72CC9	6"	BFV - GXG - MTR CFM	169	10,510.92
4ALF72CE3	6"	OS&Y - FXF - MTR GPM	350	9,861.00

TYPE 2 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF72CE6	6"	OS&Y X PIV - FXF - MTR GPM	345	9,861.00
4ALF72CE9	6"	BFV - GXG - MTR GPM	169	10,510.92
4ALF72CG3	6"	OS&Y - FXF - NO MTR	345	9,748.94
4ALF72CG6	6"	OS&Y X PIV - FXF - NO MTR	340	9,748.94
4ALF72CG9	6"	BFV - GXG - NO MTR	164	10,398.86
4ALF72EC3	8"	OS&Y - FXF - MTR CFM	722	18,735.89
4ALF72EC6	8"	OS&Y X PIV - FXF - MTR CFM	717	18,735.89
4ALF72EC9	8"	BFV - GXG - MTR CFM	376	20,327.09
4ALF72EE3	8"	OS&Y - FXF - MTR GPM	722	18,735.89
4ALF72EE6	8"	OS&Y X PIV - FXF - MTR GPM	717	18,735.89
4ALF72EE9	8"	BFV - GXG - MTR GPM	376	20,327.09
4ALF72EG3	8"	OS&Y - FXF - NO MTR	719	18,623.83
4ALF72EG6	8"	OS&Y X PIV - FXF - NO MTR	714	18,623.83
4ALF72EG9	8"	BFV - GXG - NO MTR	372	20,214.96
4ALF72GC3	10"	OS&Y - FXF - MTR CFM	1673	23,262.98
4ALF72GC6	10"	OS&Y X PIV - FXF - MTR CFM	1663	23,262.98
4ALF72GC9	10"	BFV - GXG - MTR CFM	1005	24,943.83
4ALF72GE3	10"	OS&Y - FXF - MTR GPM	1673	23,262.98
4ALF72GE6	10"	OS&Y X PIV - FXF - MTR GPM	1663	23,262.98
4ALF72GE9	10"	BFV - GXG - MTR GPM	1005	24,943.83
4ALF72GG3	10"	OS&Y - FXF - NO MTR	1661	23,150.93
4ALF72GG6	10"	OS&Y X PIV - FXF - NO MTR	1651	23,150.93
4ALF72GG9	10"	BFV - GXG - NO MTR	1004	24,831.79
4ALF72HC3	12"	OS&Y - FXF - MTR CFM	2082	38,547.53
4ALF72HC6	12"	OS&Y X PIV - FXF - MTR CFM	2064	38,547.53
4ALF72HE3	12"	OS&Y - FXF - MTR GPM	2082	38,547.53
4ALF72HE6	12"	OS&Y X PIV - FXF - MTR GPM	2064	38,547.53
4ALF72HG3	12"	OS&Y - FXF - NO MTR	2079	38,435.47
4ALF72HG6	12"	OS&Y X PIV - FXF - NO MTR	2061	38,435.47

RPDALF 4A Lead Free Reduced Pressure Detector Assemblies (cont'd)

TYPE1 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF709C3	2-1/2"	OS&Y - FXF - MTR CFM	147	6,701.00
4ALF709C6	2-1/2"	OS&Y X PIV - FXF	145	6,701.00
4ALF709C9	2-1/2"	BFV - GXG - MTR CFM	78	6,701.00
4ALF709E3	2-1/2"	OS&Y - FXF - MTR GPM	147	6,701.00
4ALF709E6	2-1/2"	OS&Y X PIV - FXF	145	6,701.00
4ALF709E9	2-1/2"	BFV - GXG - MTR GPM	78	7,216.45
4ALF709G3	2-1/2"	OS&Y - FXF - NO MTR	144	6,588.94
4ALF709G6	2-1/2"	OS&Y X PIV - FXF	142	6,588.94
4ALF709G9	2-1/2"	BFV - GXG - NO MTR	75	7,104.41
4ALF700C3	3"	OS&Y - FXF - MTR CFM	173	7,104.41
4ALF700C6	3"	OS&Y X PIV - FXF - MTR CFM	171	7,104.41
4ALF700C9	3"	BFV - GXG - MTR CFM	82	7,619.85
4ALF700E3	3"	OS&Y - FXF - MTR GPM	173	7,104.41
4ALF700E6	3"	OS&Y X PIV - FXF - MTR GPM	171	7,104.41
4ALF700E9	3"	BFV - GXG - MTR GPM	82	7,619.85
4ALF700G3	3"	OS&Y - FXF - NO MTR	170	6,992.34
4ALF700G6	3"	OS&Y X PIV - FXF - NO MTR	168	6,992.34
4ALF700G9	3"	BFV - GXG - NO MTR	79	7,507.80
4ALF70AC3	4"	OS&Y - FXF - MTR CFM	223	7,575.04
4ALF70AC6	4"	OS&Y X PIV - FXF - MTR CFM	220	7,575.04
4ALF70AC9	4"	BFV - GXG - MTR CFM	112	8,090.50
4ALF70AE3	4"	OS&Y - FXF - MTR GPM	223	7,575.04
4ALF70AE6	4"	OS&Y X PIV - FXF - MTR GPM	220	7,575.04
4ALF70AE9	4"	BFV - GXG - MTR GPM	112	8,090.50
4ALF70AG3	4"	OS&Y - FXF - NO MTR	220	7,462.98
4ALF70AG6	4"	OS&Y X PIV - FXF - NO MTR	217	7,462.98
4ALF70AG9	4"	BFV - GXG - NO MTR	109	7,978.44
4ALF70CC3	6"	OS&Y - FXF - MTR CFM	353	10,533.34
4ALF70CC6	6"	OS&Y X PIV - FXF - MTR CFM	348	10,533.34
4ALF70CC9	6"	BFV - GXG - MTR CFM	172	11,183.27
4ALF70CE3	6"	OS&Y - FXF - MTR GPM	353	10,533.34
4ALF70CE6	6"	OS&Y X PIV - FXF - MTR GPM	348	10,533.34
4ALF70CE9	6"	BFV - GXG - MTR GPM	172	11,183.27
4ALF70CG3	6"	OS&Y - FXF - NO MTR	348	10,421.27
4ALF70CG6	6"	OS&Y X PIV - FXF - NO MTR	343	10,421.27
4ALF70CG9	6"	BFV - GXG - NO MTR	167	11,071.21
4ALF70EC3	8"	OS&Y - FXF - MTR CFM	725	19,408.22
4ALF70EC6	8"	OS&Y X PIV - FXF - MTR CFM	720	19,408.22
4ALF70EC9	8"	BFV - GXG - MTR CFM	379	20,999.44
4ALF70EE3	8"	OS&Y - FXF - MTR GPM	725	19,408.22
4ALF70EE6	8"	OS&Y X PIV - FXF - MTR GPM	720	19,408.22
4ALF70EE9	8"	BFV - GXG - MTR GPM	379	20,999.44
4ALF70EG3	8"	OS&Y - FXF - NO MTR	722	19,296.18
4ALF70EG6	8"	OS&Y X PIV - FXF - NO MTR	717	19,296.18
4ALF70EG9	8"	BFV - GXG - NO MTR	375	20,887.37

TYPE1 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF70GC3	10"	OS&Y - FXF - MTR CFM	1676	23,935.32
4ALF70GC6	10"	OS&Y X PIV - FXF - MTR CFM	1666	23,935.32
4ALF70GC9	10"	BFV - GXG - MTR CFM	1008	25,616.18
4ALF70GE3	10"	OS&Y - FXF - MTR GPM	1676	23,935.32
4ALF70GE6	10"	OS&Y X PIV - FXF - MTR GPM	1666	23,935.32
4ALF70GE9	10"	BFV - GXG - MTR GPM	1008	25,616.18
4ALF70GG3	10"	OS&Y - FXF - NO MTR	1664	23,823.27
4ALF70GG6	10"	OS&Y X PIV - FXF - NO MTR	1654	23,823.27
4ALF70GG9	10"	BFV - GXG - NO MTR	1004	25,504.11
4ALF70HC3	12"	OS&Y - FXF - MTR CFM	2085	39,219.86
4ALF70HC6	12"	OS&Y X PIV - FXF - MTR CFM	2067	39,219.86
4ALF70HE3	12"	OS&Y - FXF - MTR GPM	2085	39,219.86
4ALF70HE6	12"	OS&Y X PIV - FXF - MTR GPM	2067	39,219.86
4ALF70HG3	12"	OS&Y - FXF - NO MTR	2082	39,107.82
4ALF70HG6	12"	OS&Y X PIV - FXF - NO MTR	2064	39,107.82

RPDALF 4AN Lead Free N Flow Reduced Pressure Detector Assemblies

TYPE 2 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF729C3	2-1/2"	OS&Y - FXF - MTR CFM	154	7,019.24
4ANLF729C6	2-1/2"	OS&Y X PIV - FXF - MTR CFM	149	7,019.24
4ANLF729C9	2-1/2"	BFV - GXG - MTR CFM	85	7,731.92
4ANLF729E3	2-1/2"	OS&Y - FXF - MTR GPM	154	7,019.24
4ANLF729E6	2-1/2"	OS&Y X PIV - MTR GPM	149	7,019.24
4ANLF729E9	2-1/2"	BFV - GXG - MTR GPM	85	7,731.92
4ANLF729G3	2-1/2"	OS&Y - FXF - NO MTR	150	6,907.17
4ANLF729G6	2-1/2"	OS&Y X PIV - NO MTR	145	6,907.17
4ANLF729G9	2-1/2"	BFV - GXG - NO MTR	81	7,619.85
4ANLF720C3	3"	OS&Y - FXF - MTR CFM	179	7,489.88
4ANLF720C6	3"	OS&Y X PIV - FXF - MTR CFM	174	7,489.88
4ANLF720C9	3"	BFV - GXG - MTR CFM	88	8,202.56
4ANLF720E3	3"	OS&Y - FXF - MTR GPM	179	7,489.88
4ANLF720E6	3"	OS&Y X PIV - FXF - MTR GPM	174	7,489.88
4ANLF720E9	3"	BFV - GXG - MTR GPM	88	8,202.56
4ANLF720G3	3"	OS&Y - FXF - NO MTR	175	7,377.83
4ANLF720G6	3"	OS&Y X PIV - FXF - NO MTR	170	7,377.83
4ANLF720G9	3"	BFV - GXG - NO MTR	84	8,090.50
4ANLF72AC3	4"	OS&Y - FXF - MTR CFM	203	8,135.33
4ANLF72AC6	4"	OS&Y X PIV - FXF - MTR CFM	200	8,135.33
4ANLF72AC9	4"	BFV - GXG - MTR CFM	92	8,740.42
4ANLF72AE3	4"	OS&Y - FXF - MTR GPM	203	8,135.33
4ANLF72AE6	4"	OS&Y X PIV - FXF - MTR GPM	200	8,135.33
4ANLF72AE9	4"	BFV - GXG - MTR GPM	92	8,740.42
4ANLF72AG3	4"	OS&Y - FXF - NO MTR	199	8,023.26
4ANLF72AG6	4"	OS&Y X PIV - FXF - NO MTR -	196	8,023.26
4ANLF72AG9	4"	BFV - GXG - NO MTR	88	8,628.36
4ANLF72CC3	6"	OS&Y - FXF - MTR CFM	332	11,631.50
4ANLF72CC6	6"	OS&Y X PIV - FXF - MTR CFM	327	11,631.50
4ANLF72CC9	6"	BFV - GXG - MTR CFM	151	12,393.48
4ANLF72CE3	6"	OS&Y - FXF - MTR GPM	332	11,631.50
4ANLF72CE6	6"	OS&Y X PIV - FXF - MTR GPM	327	11,631.50
4ANLF72CE9	6"	BFV - GXG - MTR GPM	151	12,393.48
4ANLF72CG3	6"	OS&Y - FXF - NO MTR	328	11,519.42
4ANLF72CG6	6"	OS&Y X PIV - FXF - NO MTR	323	11,519.42
4ANLF72CG9	6"	BFV - GXG - NO MTR	147	12,281.42
4ANLF72EC3	8"	OS&Y - FXF - MTR CFM	802	22,097.60
4ANLF72EC6	8"	OS&Y X PIV - FXF - MTR CFM	795	22,097.60
4ANLF72EC9	8"	BFV - GXG - MTR CFM	456	23,980.15
4ANLF72EE3	8"	OS&Y - FXF - MTR GPM	802	22,097.60
4ANLF72EE6	8"	OS&Y X PIV - FXF - MTR GPM	795	22,097.60
4ANLF72EE9	8"	BFV - GXG - MTR GPM	456	23,980.15
4ANLF72EG3	8"	OS&Y - FXF - NO MTR	777	21,985.54
4ANLF72EG6	8"	OS&Y X PIV - FXF - NO MTR	791	21,985.54
4ANLF72EG9	8"	BFV - GXG - NO MTR	452	23,868.09

TYPE 2 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF72GC3	10"	OS&Y - FXF - MTR CFM	1529	27,453.91
4ANLF72GC6	10"	OS&Y X PIV - FXF - MTR CFM	1520	27,453.91
4ANLF72GC9	10"	BFV - GXG - MTR CFM	1039	29,426.10
4ANLF72GE3	10"	OS&Y - FXF - MTR GPM	1529	27,453.91
4ANLF72GE6	10"	OS&Y X PIV - FXF - MTR GPM	1520	27,453.91
4ANLF72GE9	10"	BFV - GXG - MTR GPM	1039	29,426.10
4ANLF72GG3	10"	OS&Y - FXF - NO MTR	1525	27,341.84
4ANLF72GG6	10"	OS&Y X PIV - FXF - NO MTR	1515	27,341.84
4ANLF72GG9	10"	BFV - GXG - NO MTR	1035	29,314.05
4ANLF72HC3	12"	OS&Y - FXF - MTR CFM	2177	45,486.07
4ANLF72HC6	12"	OS&Y X PIV - FXF - MTR CFM	2150	45,486.07
4ANLF72HE3	12"	OS&Y - FXF - MTR GPM	2177	45,486.07
4ANLF72HE6	12"	OS&Y X PIV - FXF - MTR GPM	2150	45,486.07
4ANLF72HG3	12"	OS&Y - FXF - NO MTR	2173	45,374.02
4ANLF72HG6	12"	OS&Y X PIV - FXF - NO MTR	2146	45,374.02

RPDALF 4AN Lead Free N Flow Reduced Pressure Detector Assemblies (cont'd)

TYPE1 BYPASS OPTION

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF709C3	2-1/2"	OS&Y - FXF - MTR CFM	157	7,691.58
4ANLF709C6	2-1/2"	OS&Y X PIV - FXF	152	7,691.58
4ANLF709C9	2-1/2"	BFV - GXG - MTR CFM	88	8,404.26
4ANLF709E3	2-1/2"	OS&Y - FXF - MTR GPM	157	7,691.58
4ANLF709E6	2-1/2"	OS&Y X PIV - FXF	152	7,691.58
4ANLF709E9	2-1/2"	BFV - GXG - MTR GPM	88	8,404.26
4ANLF709G3	2-1/2"	OS&Y - FXF - NO MTR	153	7,579.51
4ANLF709G6	2-1/2"	OS&Y X PIV - FXF	148	7,579.51
4ANLF709G9	2-1/2"	BFV - GXG - NO MTR	84	8,292.20
4ANLF700C3	3"	OS&Y - FXF - MTR CFM	182	8,162.22
4ANLF700C6	3"	OS&Y X PIV - FXF - MTR CFM	177	8,162.22
4ANLF700C9	3"	BFV - GXG - MTR CFM	91	8,874.89
4ANLF700E3	3"	OS&Y - FXF - MTR GPM	182	8,162.22
4ANLF700E6	3"	OS&Y X PIV - FXF - MTR GPM	177	8,162.22
4ANLF700E9	3"	BFV - GXG - MTR GPM	91	8,874.89
4ANLF700G3	3"	OS&Y - FXF - NO MTR	178	8,050.16
4ANLF700G6	3"	OS&Y X PIV - FXF - NO MTR	173	8,050.16
4ANLF700G9	3"	BFV - GXG - NO MTR	87	8,762.85
4ANLF70AC3	4"	OS&Y - FXF - MTR CFM	206	8,807.66
4ANLF70AC6	4"	OS&Y X PIV - FXF - MTR CFM	203	8,807.66
4ANLF70AC9	4"	BFV - GXG - MTR CFM	95	9,412.76
4ANLF70AE3	4"	OS&Y - FXF - MTR GPM	206	8,807.66
4ANLF70AE6	4"	OS&Y X PIV - FXF - MTR GPM	203	8,807.66
4ANLF70AE9	4"	BFV - GXG - MTR GPM	95	9,412.76
4ANLF70AG3	4"	OS&Y - FXF - NO MTR	202	8,695.61
4ANLF70AG6	4"	OS&Y X PIV - FXF - NO MTR	199	8,695.61
4ANLF70AG9	4"	BFV - GXG - NO MTR	91	9,300.71
4ANLF70CC3	6"	OS&Y - FXF - MTR CFM	335	12,303.83
4ANLF70CC6	6"	OS&Y X PIV - FXF - MTR CFM	330	12,303.83
4ANLF70CC9	6"	BFV - GXG - MTR CFM	154	13,065.81
4ANLF70CE3	6"	OS&Y - FXF - MTR GPM	335	12,303.83
4ANLF70CE6	6"	OS&Y X PIV - FXF - MTR GPM	330	12,303.83
4ANLF70CE9	6"	BFV - GXG - MTR GPM	154	13,065.81
4ANLF70CG3	6"	OS&Y - FXF - NO MTR	331	12,191.78
4ANLF70CG6	6"	OS&Y X PIV - FXF - NO MTR	326	12,191.78
4ANLF70CG9	6"	BFV - GXG - NO MTR	150	12,953.76
4ANLF70EC3	8"	OS&Y - FXF - MTR CFM	805	22,769.93
4ANLF70EC6	8"	OS&Y X PIV - FXF - MTR CFM	798	22,769.93
4ANLF70EC9	8"	BFV - GXG - MTR CFM	459	24,652.49
4ANLF70EE3	8"	OS&Y - FXF - MTR GPM	805	22,769.93
4ANLF70EE6	8"	OS&Y X PIV - FXF - MTR GPM	798	22,769.93
4ANLF70EE9	8"	8BFV - GXG - MTR GPM	459	24,652.49
4ANLF70EG3	8"	OS&Y - FXF - NO MTR	780	22,657.88
4ANLF70EG6	8"	OS&Y X PIV - FXF - NO MTR	794	22,657.88
4ANLF70EG9	8"	BFV - GXG - NO MTR	455	24,540.42

TYPE1 BYPASS OPTION CONT'D

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ANLF70GC3	10"	OS&Y - FXF - MTR CFM	1532	28,126.25
4ANLF70GC6	10"	OS&Y X PIV - FXF - MTR CFM	1523	28,126.25
4ANLF70GC9	10"	BFV - GXG - MTR CFM	1042	30,098.44
4ANLF70GE3	10"	OS&Y - FXF - MTR GPM	1532	28,126.25
4ANLF70GE6	10"	OS&Y X PIV - FXF - MTR GPM	1523	28,126.25
4ANLF70GE9	10"	BFV - GXG - MTR GPM	1042	30,098.44
4ANLF70GG3	10"	OS&Y - FXF - NO MTR	1528	28,014.18
4ANLF70GG6	10"	OS&Y X PIV - FXF - NO MTR	1518	28,014.18
4ANLF70GG9	10"	BFV - GXG - NO MTR	1038	29,986.39
4ANLF70HC3	12"	OS&Y - FXF - MTR CFM	2180	46,158.41
4ANLF70HC6	12"	OS&Y X PIV - FXF - MTR CFM	2153	46,158.41
4ANLF70HE3	12"	OS&Y - FXF - MTR GPM	2180	46,158.41
4ANLF70HE6	12"	OS&Y X PIV - FXF - MTR GPM	2153	46,158.41
4ANLF70HG3	12"	OS&Y - FXF - NO MTR	2176	46,046.35
4ANLF70HG6	12"	OS&Y X PIV - FXF - NO MTR	2149	46,046.35

Backflow Preventers

AVB1 Anti-Siphon Vacuum Breakers: Cast Body

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-101-01	1/4	Rough Bronze	.51	54.11
38-101-03	1/4	Rough Chrome	.51	59.28
38-101-06	1/4	Polished Chrome	.51	67.12
38-102-01	3/8	Rough Bronze	.47	54.81
38-102-03	3/8	Rough Chrome	.47	59.28
38-102-06	3/8	Polished Chrome	.47	66.51
38-103-01	1/2	Rough Bronze	.55	56.15
38-103-03	1/2	Rough Chrome	.55	58.08
38-103-06	1/2	Polished Chrome	.55	71.68
38-104-01	3/4	Rough Bronze	.80	56.74
38-104-03	3/4	Rough Chrome	.80	61.94
38-104-06	3/4	Polished Chrome	.80	82.18
38-105-01	1	Rough Bronze	1.74	97.07
38-105-03	1	Rough Chrome	1.74	106.28
38-105-06	1	Polished Chrome	1.74	144.12
38-106-01	1-1/4	Rough Bronze	3.16	182.51
38-107-01	1-1/2	Rough Bronze	2.89	208.54
38-108-01	2	Rough Bronze	3.69	325.72

AVB1LF Lead Free Anti-Siphon Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38LF-101-01	1/4	Bronze	.51	72.15
38LF-103-01	1/2	Bronze	.55	74.87
38LF-104-01	3/4	Bronze	.80	75.65
38LF-105-01	1	Bronze	1.74	129.45
38LF-108-01	2	Bronze	3.69	434.32

AVB2 Anti-Siphon Vacuum Breakers: Forged Body

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-201-01	1/4	Rough Brass	.42	53.83
38-201-03	1/4	Rough Chrome	.42	58.96
38-201-06	1/4	Polished Chrome	.42	66.51
38-202-01	3/8	Rough Brass	.38	53.83
38-202-03	3/8	Rough Chrome	.38	58.96
38-202-06	3/8	Polished Chrome	.38	66.51
38-203-01	1/2	Rough Brass	.52	55.66
38-203-03	1/2	Rough Chrome	.52	57.56
38-203-06	1/2	Polished Chrome	.52	71.59
38-204-01	3/4	Rough Brass	.68	56.37
38-204-03	3/4	Rough Chrome	.68	61.45
38-204-06	3/4	Polished Chrome	.68	81.67

PVB-4A Pressure Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A-503-A2F	1/2	w/Ball Valves	4.2	310.31
4A-504-A2F	3/4	w/Ball Valves	4.7	322.71
4A-504-A4F	3/4	w/Union End Ball Valves	7.7	387.57
4A-505-A2F	1	w/Ball Valves	6.8	337.68
4A-505-A4F	1	w/Union End Ball Valves	13	458.33
4A-506-A2F	1-1/4	w/Ball Valves	12	726.83
4A-507-A2F	1-1/2	w/Ball Valves	16.6	764.46
4A-508-A2F	2	w/Ball Valves	24.7	966.71

PVBLF-4A Lead Free Pressure Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4ALF-504-A2F	3/4	Lead Free w/Ball Valves	4.7	431.60
4ALF-504-A4F	3/4	Lead Free w/Union End Ball Valves	7.7	516.73
4ALF-505-A2F	1	Lead Free w/Ball Valves	6.8	450.25
4ALF-505-A4F	1	Lead Free w/Union End Ball Valves	13.0	611.09

SVB-4W Spill Resistant Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4W-501-02	1/4	Spill Resistant Pressure Vacuum Breakers	1.31	321.70
4W-502-02	3/8	Spill Resistant Pressure Vacuum Breakers	1.31	341.57
4W-503-02	1/2	Spill Resistant Pressure Vacuum Breakers	1.31	352.98

SVB-4WLF Lead Free Spill Resistant Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4WLF-502-02	3/8	Lead Free Spill Resistant Pressure Vacuum Breaker	1.31	461.11
4WLF-503-02	1/2	Lead Free Spill Resistant Pressure Vacuum Breaker	1.31	476.52

DCAP-40 Dual Check w/Atmospheric Port

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-4A3-3AM	1/2	FNPT x 1/2 FNPT	1.9	154.43
40-4A3-3BM	1/2	FNPT x 1/2 MNPT	1.9	154.43
40-4H3-3BM	1/2	Solder Inlet x 1/2 MNPT	1.9	154.43
40-4H3-3HM	1/2	Solder Inlet x 1/2 Solder Outlet	1.9	154.43
40-4P33-PM	1/2	Press x Press	see XPRV price list	
40-4A4-3AM	3/4	FNPT x 1/2 FNPT	1.9	154.43
40-4A4-4AM	3/4	FNPT x 3/4 FNPT	1.9	154.43
40-4H4-4HM	3/4	Solder Inlet x 1/2 Solder Outlet	1.9	154.43

Backflow Preventers

DCAP-40LF Lead Free Dual Check w/Atmospheric Port

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40LF-4A3-3AM	1/2	FNPT x 1/2 FNPT	1.9	205.92
40LF-4A4-4AM	3/4	FNPT x 3/4 MNPT	1.9	193.04

DUC-4N Dual Check Valve Backflow Preventer

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4N-3A3-3A	1/2	FNPT x 1/2 FNPT	.80	61.88
4N-3A4-4A	3/4	FNPT x 3/4 FNPT	1.4	61.88
4N-3S5-4A	3/4	MTR SWV x 3/4 FNPT	1.58	73.58
4N-3A5-5A	1	FNPT x 1 FNPT	1.4	61.88
4N-3A2-2A	3/8	FNPT x 3/8 FNPT	.70	61.88
4N-3S5-4B	3/4	MTR SWV x 3/4 MNTP	1.58	73.58
4N-3S6-5A	1	MTR SWV x 1 FNPT	1.76	73.58

DUC-4NLF Lead Free Dual Check Valve Backflow Preventer

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4NLF-3A2-2A	3/8	NPT	.70	85.45
4NLF-3A3-3A	1/2	FNPT x FNPT	.80	85.45
4NLF-3A4-4A	3/4	FNPT x FNPT	1.4	85.45
4NLF-3A5-5A	1	FNPT x FNPT	1.4	85.45
4NLF-3S5-4A	3/4	MTR SWV x FNPT	1.58	105.71
4NLF-3S6-5A	1	MTR SWV x FNPT	1.76	105.71

DUC4FP Dual Check

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4FP3A55A	1"	FNPT X FNPT	2.98	249.96
4FP3A66A	1-1/4"	FNPT X FNPT	2.66	283.62
4FP3A55E	1"	FNPT X NPSM	2.68	249.96
4FP3A66E	1-1/4"	FNPT X NPSM	2.61	283.62
4FP3C55A	1"	NPSM X FNPT	2.93	249.96
4FP3C66A	1-1/4"	NPSM X FNPT	2.62	283.62
4FP3C55B	1"	NPSM X MNPT	2.62	249.96
4FP3C66B	1-1/4"	NPSM X MNPT	2.56	283.62
4FP3A55B	1"	FNPT X MNPT	2.66	249.96
4FP3A66B	1-1/4"	FNPT X MNPT	2.6	283.62

DUC-40LF Lead Free Dual Check Valve Backflow Preventers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40LF-3A3-3A	1/2 x FNPT x 1/2 FNPT		2.0	163.59
40LF-3A4-4A	3/4 FNPT x 3/4 FNPT		2.0	163.59
40LF-3A5-5A	1 FNPT x 1 FNPT		2.0	163.59
40LF-3S5-4A	3/4 F Meter x 3/4 FNPT		2.1	185.23

CBBP Lead Free Carbonated Beverage Backflow Preventers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4C-101-01	1/4	1/4 SAE x 1/4 SAE	.19	163.60
4C-102-01	3/8	3/8 SAE x 3/8 SAE	.19	163.60
4C-102-02	3/8	3/8 MNPT x 3/8 MNPT	.19	163.60

HBV Hose Connection Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-314-AS	3/4	Satin Brass (Packaged in Qty. of 12)	.17	19.66
38-314-CS	3/4	Satin Chrome (Packaged in Qty. of 12)	.17	26.74

HBVLF Lead Free Hose Connection Vacuum Breakers

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38LF-314-AS	3/4	Lead Free Satin Brass (Packaged in Qty. of 12)	.17	24.57
38LF-314-CS	3/4	Lead Free Satin Chrome (Packaged in Qty. of 12)	.17	34.00

HBVB Hose Connection Vacuum Breakers Freeze Resistant Type

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-414-AS	3/4	Satin Brass	.31	39.75

HBVBLF Hose Connection Vacuum Breakers Freeze Resistant Type

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38LF-414-AS	3/4	Lead Free Satin Brass	.31	49.46

Backflow Preventers

HBVB Hose Bibb Vacuum Breaker Repair Kit

Part No.	Description	Wt./Ea.	Price Ea.
38-044-01	Major Repair Kit for 38-404-01	.4	13.87

HBDUC Hose Connection Dual Check

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-304-02	3/4	Satin Brass-Field Testable	.46	100.37

HBDUCLF Lead Free Hose Connection Dual Check

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38LF-304-02	3/4	Lead Free Satin Brass-Field Testable	.46	125.46

LFDUC Lab Faucet Dual Checks

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-502-01	3/8	MXF Chrome Plated	.50	87.71
38-502-02	3/8	FXF Chrome Plated	.50	103.24
38-502-CP2	1/4	Continuous Pressure	.50	112.90
38-502-CP3	3/8	Continuous Pressure	.50	112.90
38-502-03	3/8	F x M Chrome Plated	.50	103.24

LFDUCLF Lab Faucet Dual Checks

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38LF-502-01	3/8	Lead Free MXF Chrome Plated	.50	109.63
38LF-502-02	3/8	Lead Free FXF Chrome Plated	.50	129.05
38LF-502-CP2	1/4	Lead Free Continuous Pressure	.50	141.12
38LF-502-CP3	3/8	Lead Free Continuous Pressure	.50	141.12
38LF-502-03	3/8	Lead Free F x M Chrome Plated	.50	129.05

FPV Freeze Protection Valve

Part No.	Description	Wt./Ea.	Price Ea.
40-000-FPV1	Freeze Protection Valve	.75	132.52
40-000-FPV2	Freeze Protection Valve w / Test Cock	.82	144.57

FPV-LF Lead Free Freeze Protection Valve

Part No.	Description	Wt./Ea.	Price Ea.
40LF-000-FPV1	Freeze Protection Valve	.75	182.98
40LF-000-FPV2F	Freeze Protection Valve w / Test Cock	.82	199.65

AVB2 Anti-Siphon Vacuum Breaker (Forged Body) Repair Kits

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-202-RK	1/4, 3/8	Major Repair Kit	.04	14.42
38-203-RK	1/2	Major Repair Kit	.04	14.42
38-204-RK	3/4	Major Repair Kit	.04	15.46

AVB1 Anti-Siphon Vacuum Breaker (Cast Body) Repair Kits

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
38-003-01	1/4, 3/8, 1/2	38-100 Series Repair Kits	.03	14.42
38-004-01	3/4	38-100 Series Repair Kits	.04	15.46
38-005-01	1	38-100 Series Repair Kits	.10	27.73
38-008-01	1-1/4 - 2	38-100 Series Repair Kits	.13	40.30

AGD Air Gap Drain Kits

4A & 4ALF SERIES

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
AGD4A1	1/2-1	Air Gap Drain Kit	.10	80.72
AGD4A112	1-1/4 - 1-1/2	Air Gap Drain Kit	.20	104.74
AGD4A2	2	Air Gap Drain Kit	.35	123.87
AGD4A6	2-1/2-6	Air Gap Drain Kit	1.27	106.03
AGD4A8	8	Air Gap Drain Kit	1.6	206.12
AGD4A12IN	10-12	Air Gap Drain Kit	4.0	234.13

40 & 40LF SERIES

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
AGD4012	1/4, 3/8 & 1/2	Air Gap Drain Kit	2.30	73.06
AGD401	3/4 - 1	Air Gap Drain Kit	3.40	96.51
40200X1	1-1/4 - 2	Air Gap Drain Kit	11.00	104.74
40200X2	2-1/2 - 6	Air Gap Drain Kit	12.45	222.78
40200X3	8 & 10	Air Gap Drain Kit	12.45	683.82

TK Test Kits, Testing Accessories

Part No.	Description	Wt./Ea.	Price Ea.
40-200-ST	Vertical Tube Test Kit	.54	171.10
40-200-BV	Bleed Valve	.39	63.62
40-000-TFK	1/4 SAE Test Fitting Kit	.27	52.66
40-001-TFK	1/2 SAE Test Fitting Kit	.42	63.03
40-002-TFK	3/4 SAE Test Fitting Kit	.63	81.75
40-003-TFK	3 of Each Size	1.32	164.81
40-000-SPK	Test Cock Strap & Plug Kit (Each kit consists of 100 pieces plugs and straps)	.88	125.98
40-200-TK3	RPZ, DCV, PVB, SVB, Test Kit 3-Valve, Plastic Body	.88	1,545.89
40-200-TK5	RPZ, DCV, PVB, SVB, Test Kit 5-Valve, Plastic Body	.88	1,877.13

SRT-40/4V Seat Tool

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-000-SRT	1/4-2	Seat Removal Tool DC/RP	.43	28.20
4V-508-SRT	1-1/4-2	Seat Removal Tool PVB	.43	43.85

4A RP and DC Repair Kits

All 4A Kits are Lead Free.

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A00301	1/2"	KIT - DC - COMPLETE RUBBER	0.05	12.40
4A00302	1/2"	KIT - COMPLT - RP 2ND CHK - DC	0.09	39.02
4A00303	1/2"	KIT - COMPLETE RP 1ST CHECK	0.08	42.39
4A00308	1/2"	KIT - DC - COMPLETE INTERNALS	0.16	59.01
4A00309	1/2"	KIT - RP COMPLETE RUBBER ONLY	0.14	52.40
4A00310	1/2"	KIT - RP - COMPLETE INTERNALS	0.40	114.70
4A00312	1/2"	KIT - CHECK REPAIR - SCV4A	0.14	22.32
4A00313	1/2"	KIT - CHECK COMPLETE - SCV4A	1.55	143.16
4A00401	3/4"	KIT - DC - COMPLETE RUBBER	0.05	12.40
4A00402	3/4"	KIT - COMPLT - RP 2ND CHK - DC	0.13	51.01
4A00403	3/4"	KIT - COMPLETE RP 1ST CHECK	0.13	53.77
4A00408	3/4"	KIT - DC - COMPLETE INTERNALS	0.25	72.63
4A00409	3/4"	KIT - RP COMPLETE RUBBER ONLY	0.14	52.40
4A00410	3/4"	KIT - RP - COMPLETE INTERNALS	0.35	125.19
4A00501	1"	KIT - DC - COMPLETE RUBBER	0.05	12.40
4A00502	1"	KIT - COMPLT - RP 2ND CHK - DC	0.18	51.36
4A00503	1"	KIT - COMPLETE RP 1ST CHECK	0.20	54.46
4A00504	1/2" - 1"	KIT - RUBBER RV	0.07	41.37
4A00505	1/2" - 1"	KIT - COMPLETE RV	0.21	51.69
4A00508	1"	KIT - DC - COMPLETE INTERNALS - 1"	0.40	76.19
4A00509	1"	KIT - RP COMPLETE RUBBER ONLY	0.13	52.40
4A00510	1"	KIT - RP - COMPLETE INTERNALS - 1"	0.65	125.19
4A00701	1 1/4 - 1 1/2"	KIT - DC - COMPLETE RUBBER - 1-1/2"	0.05	15.17
4A00702	1 1/4 - 1 1/2"	KIT - COMPLT - RP 2ND CHK - DC - 1-1/2	0.30	57.91
4A00703	1 1/4 - 1 1/2"	KIT - COMPLETE RP 1ST CHECK -	0.31	68.25
4A00704	1 1/4 - 1 1/2"	KIT - RUBBER RV - 1-1/2"	0.07	46.88
4A00705	1 1/4 - 1 1/2"	KIT - COMPLETE RV - 1-1/2"	0.30	62.02
4A00708	1 1/4 - 1 1/2"	KIT - DC - COMPLETE INTERNALS -	0.50	93.92
4A00709	1 1/4 - 1 1/2"	KIT - RP COMPLETE RUBBER ONLY	0.16	60.66
4A00710	1 1/4 - 1 1/2"	KIT - RP - COMPLETE INTERNALS -	0.65	161.66
4A00801	2"	KIT - DC - COMPLETE RUBBER - 2"	0.06	16.55
4A00802	2"	KIT - COMPLT - RP 2ND CHK - DC - 2"	0.49	71.68
4A00803	2"	KIT - COMPLETE RP 1ST CHECK -	0.49	82.03
4A00804	2"	KIT - RUBBER RV - 2"	0.08	52.40
4A00805	2"	KIT - COMPLETE RV - 2"	0.69	82.72
4A00808	2"	KIT - DC - COMPLETE INTERNALS - 2"	1.00	124.10
4A00809	2"	KIT - RP COMPLETE RUBBER ONLY	0.16	67.55
4A00810	2"	KIT - RP - COMPLETE INTERNALS - 2"	1.20	204.60
4A00000	2 1/2" - 3"	KIT - COMPLETE - DC - 1ST CHK	1.70	295.43
4A00001	2 1/2" - 3"	KIT - RUBBER - CHECK "	0.21	32.83

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A00002	2 1/2" - 3"	KIT - COMP - RP 2ND CHK - DC	1.69	288.86
4A00008	2 1/2" - 3"	KIT - COMPL, DC, BOTH CHKS	3.40	579.20
4A00009	2 1/2" - 3"	KIT - COMPL, RP RUBBER ONLY	0.40	64.40
4A00010	3"	KIT - COMPL, RP BOTH CKS AND RV	4.80	696.75
4A00003	3"	KIT - COMPLETE - RP - 1ST CHK	1.71	315.12
4A00A00	4"	KIT - COMPLETE - DC - 1ST CHK - 4"	4.51	321.69
4A00A01	4"	KIT - RUBBER - CHECK - 4"	0.36	45.95
4A00A02	4"	KIT - COMPLT - RP 2ND CHK - DC - 4"	4.48	321.69
4A00A03	4"	KIT - COMPLETE - RP - 1ST CHK - 4"	4.58	361.07
4A00A08	4"	KIT - COMPLETE - DC - BOTH CHECKS	9.10	661.34
4A00A09	4"	KIT - RP - COMPLETE RUBBER	0.16	77.37
4A00A10	4"	KIT - RP - BOTH CHKS & RV	1.70	830.84
4A00C00	6"	KIT - COMPLETE - DC - 1ST CHK - 6"	9.33	426.72
4A00C01	6"	KIT - RUBBER - CHECK - 6"	0.49	59.08
4A00C02	6"	KIT - COMPLT - RP 2ND CHK - DC - 6"	9.30	420.15
4A00C03	6"	KIT - COMPLETE - RP - 1ST CHK - 6"	9.70	472.68
4A00C04	6"	KIT - RUBBER RV - 2.5"-6"	0.13	82.72
4A00C05	6"	KIT - COMPLETE - RV - 2.5"-6"	1.07	115.54
4A00C08	6"	KIT - COMPLETE DC - BOTH CHECKS	18.60	816.67
4A00C09	6"	KIT - COMPLETE RP RUBBER ONLY	0.20	111.69
4A00C10	6"	KIT - COMPL RP BOTH CHKS & RV	19.00	905.97
4A00E00	8"	KIT - COMPLETE - DC - 1ST CHK - 8"	30.23	695.89
4A00E01	8"	KIT - RUBBER - CHECK - 8"	0.68	65.66
4A00E02	8"	KIT - COMPLT - RP 2ND CHK - DC - 8"	29.26	617.11
4A00E03	8"	KIT - COMPLETE - RP - 1ST CHK - 8"	30.72	709.00
4A00E04	8"	KIT - RUBBER RV - 8"	0.16	98.48
4A00E05	8"	KIT - COMPLETE - RV - 8"	1.38	181.19
4A00E08	8"	KIT - COMPLETE DC - BOTH CHECKS	59.50	1,205.63
4A00E09	8"	KIT - COMPLETE RP RUBBER ONLY	0.20	217.21
4A00E10	8"	KIT - COMPL RP BOTH CHKS & RV	72.10	1,419.98
4A00H00	10"-12"	KIT - COMPLT - DC - 1ST CHK - 10"-12"	64.38	1,024.13
4A00H01	10"-12"	KIT - RUBBER - CHECK - 10"-12"	1.12	157.56
4A00H02	10"-12"	KIT - COMP - RP 2ND CHK - DC - 10"-12"	62.00	945.35
4A00H03	10"-12"	KIT - COMPLT - RP - 1ST CHK - 10"-12"	64.59	1,063.51
4A00H04	10"-12"	KIT - RUBBER RV - 10"-12"	0.24	107.67
4A00H05	10"-12"	KIT - COMPLETE - RV - 10"-12"	8.69	488.51
4A00H08	10"-12"	KIT - COMPLETE DC - BOTH CHECKS	125.60	1,978.32
4A00H09	10"-12"	KIT - COMPLETE RP RUBBER ONLY	2.50	420.84
4A00H10	10"-12"	KIT - COMPL RP BOTH CHKS & RV	138.60	2,122.06

40 RP and DC Repair Kits

Per the EPA, these kits are components of an assembly and are not required to be lead free.

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-003-A1	1/4, 3/8, 1/2	RPZ Major Repair Kit	25	136.76
40-003-A2	1/4, 3/8, 1/2	RPZ Check Valve Repair Kit	6	19.67
40-003-A3	1/4, 3/8, 1/2	RPZ Relief Valve Repair Kit	18	104.22
40-003-A4	1/4, 3/8, 1/2	RPZ Major Rubber Repair Kit	6	17.81
40-003-A7	1/4, 3/8, 1/2	RPZ Seat Repair Kit	5	12.86
40-003-A1S	1/4, 3/8, 1/2	Stainless Steel RPZ Major Kit	25	194.24
40-003-A2S	1/4, 3/8, 1/2	Stainless Steel RPZ Poppet Repair Kit	6	25.18
40-003-A3S	1/4, 3/8, 1/2	Stainless Steel Relief Valve Repair Kit	18	151.76
40-003-A4S	1/4, 3/8, 1/2	Stainless Steel Major Rubber Repair Kit, RPZ	6	55.73
40-003-A7S	1/4, 3/8, 1/2	Stainless Steel RPZ Seat Repair Kit	5	16.75
40-004-A1	3/4 & 1	RPZ Major Repair Kit	55	184.53
40-004-A2	3/4 & 1	RPZ & DCV Poppet Repair Kit	14	24.70
40-004-A3	3/4 & 1	Relief Valve Major Repair Kit	29	141.95
40-004-A4	3/4 & 1	RPZ Major Rubber Repair Kit	8	50.34
40-004-A1S	3/4 & 1	Stainless Steel RPZ Major Kit	55	230.56
40-004-A2S	3/4 & 1	Stainless Steel RPZ Check Kit	14	30.90
40-004-A3S	3/4 & 1	Stainless Steel RPZ Relief Valve Major Kit	29	177.41
40-004-A4S	3/4 & 1	Stainless Steel RPZ Major Rubber Repair Kit	8	62.85
40-004-A7S	3/4 & 1	Stainless Steel RPZ Seat Repair Kit	14	22.35
40-004-A5	3/4 & 1	DCV Major Repair Kit	28	47.32
40-004-A6	3/4 & 1	DCV Major Rubber Repair Kit	8	14.42
40-004-A7	3/4 & 1	RPZ Replaceable Seat Repair Kit	14	14.42
40-004-A8	3/4 & 1	DCV Replaceable Seat Repair Kit	11	14.42
40-007-A1	1-1/4-2	RPZ Major Repair Kit	149	280.07
40-007-A2	1-1/4-2	RPZ & DCV Poppet Repair Kit	34	38.40
40-007-A3	1-1/4-2	Relief Valve Major Repair Kit	98	225.75
40-007-A4	1-1/4-2	RPZ Major Rubber Repair Kit	20	103.27
40-007-A5	1-1/4-2	DCV Major Repair Kit	60	74.57
40-007-A6	1-1/4-2	DCV Major Rubber Repair Kit	12	29.17
40-007-A7	1-1/4-2	RPZ Replaceable Seat Repair Kit	21	14.42
40-007-A8	1-1/4-2	DCV Replaceable Seat Repair Kit	19	14.42
40-009-01	2-1/2 & 3	1st Check Valve Repair Kit	457	239.78
40-009-02	2-1/2 & 3	2nd Check Valve Repair Kit	434	225.76
40-009-03	2-1/2 & 3	Seat Repair Kit	165	56.46
40-009-04	2-1/2 & 3	Rubber Repair Kit	28	32.83
40-009-05	2-1/2 & 3	Relief Valve Repair Kit	205	211.64
40-009-06	2-1/2 & 3	Relief Valve Rubber Repair Kit	27	42.45
40-009-99	2-1/2 & 3	Silicone Seat Disc & O-Ring	28	54.89
40-009-07	3	RPDA 2nd Check Valve Repair Kit	512	228.46
40-009-08	3	DCDA 1st Check Valve Repair Kit	452	217.83
40-00A-07	4	RPDA 2nd Check Valve Repair Kit	775	385.91
40-00A-08	4	DCDA 1st Check Valve Repair Kit	775	365.98
40-00A-01	4	1st Check Valve Repair Kit	796	423.19
40-00A-02	4	2nd Check Valve Repair Kit	714	380.54

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-00A-03	4	Seat Repair Kit	236	98.57
40-00A-04	4	Rubber Repair Kit	43	84.65
40-00A-05	4	Relief Valve Repair Kit	205	211.61
40-00A-06	4	Relief Valve Rubber Repair Kit	27	42.45
40-00A-99	4	Silicone Seat Disc & O-Ring	41	88.94
40-00C-07	6	RPDA 2nd Check Valve Repair Kit	2880	554.77
40-00C-08	6	DCDA 1st Check Valve Repair Kit	2180	536.96
40-00C-01	6	1st Check Valve Repair Kit	2305	634.78
40-00C-02	6	2nd Check Valve Repair Kit	1995	564.18
40-00C-03	6	Seat Repair Kit	466	141.09
40-00C-04	6	Rubber Repair Kit	94	112.93
40-00C-05	6	Relief Valve Repair Kit	205	211.61
40-00C-06	6	Relief Valve Rubber Repair Kit	27	42.45
40-00C-99	6	Silicone Seat Disc & O-Ring	95	208.32
40-00E-01	8	1st Check Valve Repair Kit	53.70	2,343.99
40-00E-02	8	2nd Check Valve Repair Kit	43.50	2,054.54
40-00E-03	8	Seat Repair Kit	10.40	477.70
40-00E-04	8	Rubber Repair Kit	.80	252.83
40-00E-05	8	Relief Valve Repair Kit	7.80	1,048.02
40-00E-06	8	Relief Valve Rubber Repair Kit	.20	150.42
40-00E-07	8	RPDA 2nd Check Valve Repair Kit	52.63	2,026.04
40-00E-08	8	DCDA 1st Check Valve Repair Kit	51.00	1,995.89
40-00E-99	8	Silicone Seat Disc & O-Ring	23.8	316.51
40-00G-01	10	1st Check Valve Repair Kit	91.40	4,652.87
40-00G-02	10	2nd Check Valve Repair Kit	66.00	2,815.43
40-00G-03	10	Seat Repair Kit	17.80	766.35
40-00G-04	10	Rubber Repair Kit	1.40	318.71
40-00G-05	10	Relief Valve Repair Kit	7.80	1,048.02
40-00G-06	10	Relief Valve Rubber Repair Kit	.20	150.42
40-00G-07	10	2nd Check Valve Repair Kit (RPDA)	79.60	3,429.39
40-00G-08	10	DCDA 1st Check	73.40	3,335.07
40-00G-99	10	Silicone Seat Disc & O-Ring	4.69	402.81
4S-003-01	1/2	DCV Major Repair Kit	.23	69.08
4S-009-01	2-1/2-6	1st or 2nd Check Valve Repair Kit DCV	2.75	319.62
4S-009-02	2-1/2-4, 2-1/2-6	2nd check RP Rubber Repair Kit, DCV Rubber Repair Kit	.45	76.86
4S-009-03	2-1/2-6	Relief Valve Repair Kit	.98	183.84
4S-009-04	2-1/2-4	1st check RP Rubber Repair Kit	.15	64.35
4S-009-06	2-1/2-6	Relief Valve Rubber Repair Kit	.15	42.45
4S-009-07	2-1/2-4	RP 1st Check Module Repair Kit	8.30	539.42
4S-00C-04	6	RP Check Valve Rubber Repair Kit	.30	112.93
4S-00C-06	6	RP 1st & 2nd Check Valve Major Repair Kit	17.00	806.90
4S-00E-03	8-10	Relief Valve Repair Kit	2.05	554.77
4S-00E-04	8-10	RP Check Valve Rubber Repair Kit	.50	277.35
4S-00E-05	8-10	Relief Valve Rubber Repair Kit	.27	78.94
4S-00E-06	8-10	RP 2nd Check Module Repair Kit/DCV Module Repair Kit	42.60	2,576.42
4S-00E-07	8-10	RP 1st Check Module Repair Kit	45.80	2,828.58

Backflow Preventers

DUC-40 Dual Check Valve Repair Kits

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-300-01	Rubber Repair Kit			
	1/2-1	Dual-Check	.10	14.42
	1/2	DCV (4010302)		
40-300-02	Major Repair Kit			
	1/2-1	Dual-Check	.10	22.70
	1/2	DCV (4010302)		

DCAP-40 Dual Check w/Atmospheric Port Repair Kit

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
40-400-02M	ALL	Major Repair Kit (M Design)	.15	70.28

PVB Pressure Vacuum Breaker Repair Kits

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4V-500-01	1/2-3/4	Check Valve Repair Kit	.04	34.81
40-500-01	1/2, 3/4, 1	Rubber Repair Kit	.06	14.04
40-500-02	1/2, 3/4, 1	Major Repair Kit	.31	47.19
4V-500-02	1	Check Valve Repair Kit	.06	48.24
4V-500-03	1/2, 3/4, 1	Air Inlet Repair Kit	.14	38.40
40-500-03	1-1/4, 1-1/2, 2	Rubber Repair Kit	.15	19.80
40-500-04	1-1/4, 1-1/2, 2	Major Repair Kit	.94	178.34
4V-500-05	1-1/4, 1-1/2	Air Inlet Repair Kit	.23	43.06
4V-500-06	1-1/4, 1-1/2	Check Valve Repair Kit	.17	52.68
4V-500-07	2	Check Valve and Seat R.K.	.26	86.66
4V-500-09	2	Air Inlet Repair Kit	.80	121.98

PVB-4A Pressure Vacuum Breaker Repair Kits

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4A-003-02	1/2", 3/4"	PVB Check Module	.09	39.02
4A-004-06	1/2", 3/4"	PVB Rubber, Float & Check	.06	15.51
4A-004-07	1/2", 3/4"	PVB Complete Top Half	.19	49.98
4A-004-11	1/2", 3/4"	PVB Complete Internals	.50	62.46
4A-004-02	1"	PVB Check Module	.13	51.01
4A-005-06	1"	PVB Rubber, Float & Check	.06	16.21
4A-005-07	1"	PVB Complete Top Half	.24	53.41
4A-005-11	1"	PVB Complete Internals	.55	71.02
4A-005-02	1-1/4", 1-1/2"	PVB Check Module	.18	51.36
4A-007-06	1-1/4", 1-1/2"	PVB Rubber, Float & Check	.06	20.69
4A-007-07	1-1/4", 1-1/2"	PVB Complete Top Half	.35	77.90
4A-007-11	1-1/4", 1-1/2"	PVB Complete Internals	.75	91.74
4A-007-02	2"	PVB Check Module	.30	57.91
4A-008-06	2"	PVB Rubber, Float & Check	.06	23.43
4A-008-07	2"	PVB Complete Top Half	.64	84.45
4A-008-11	2"	PVB Complete Internals	1.3	103.07

CBBP Carbonated Beverage-Repair Kit

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
4C-100-00	1/4, 3/8	Major Repair Kit	.03	42.78

78 Bronze Ball Valves (78 Series-Test Cock)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
78-290-01	1/8	MNPT x 1/4 FNPT	.19	16.66
78-291-01	1/4	MNPT x 1/4 FNPT	.19	17.98
78-292-01	1/8	MNPT x 1/4 SAE Flare	.22	18.50
78-293-01	1/4	1/4 MNPT x 1/4 SAE Flare	.22	19.96

78LF Lead Free Bronze Ball Valves (78LF Series-Test Cock)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
78LF-290-01	1/8	Lead Free MNPT x 1/4 FNPT	.19	23.78
78LF-291-01	1/4	Lead Free MNPT x 1/4 FNPT	.19	23.11
78LF-292-01	1/8	MNPT x 1/4 SAE Flare	.22	23.11
78LF-293-01	1/4	1/4 MNPT x 1/4 SAE Flare	.22	23.11

78 Stainless Steel Ball Valves (78 Series-Test Cock)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
78-930-01	1/8	MNPT x 1/4 FNPT	.18	115.50

70 Bronze Ball Valves (70 Series-Test Cock)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
70-103-01	1/2	FNPT x FNPT	.63	Refer to BVPL9000
70-803-01	1/2	MNPT x FNPT	.72	
70-104-01	3/4	FNPT x FNPT	1.30	
70-804-01	3/4	MNPT x FNPT	1.41	

Backflow Preventers

7B Bronze Hydro Valves-Threaded With Side Boss (Full Port)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
7B-101-01	1/4	Side Outlet Tapped	.61	25.20
7B-101-31	1/4	Side Outlet Tapped Not Tapped	.61	23.99
7B-102-01	3/8	Side Outlet Tapped	.57	25.20
7B-102-31	3/8	Side Outlet Not Tapped	.57	23.99
7B-103-01	1/2	Side Outlet Tapped	.64	25.20
7B-103-31	1/2	Side Outlet Not Tapped	.64	23.99
7B-104-01	3/4	Side Outlet Tapped	.80	38.76
7B-104-31	3/4	Side Outlet Not Tapped	.80	36.42
7B-105-01	1	Side Outlet Tapped	1.61	55.05
7B-105-31	1	Side Outlet Not Tapped	1.61	52.53
7B-106-01	1-1/4	Side Outlet Tapped	2.60	71.57
7B-107-01	1-1/2	Side Outlet Tapped	3.85	105.70
7B-108-01	2	Side Outlet Tapped	6.57	161.67
7B-106-31	1-1/4	Side Outlet Not Tapped	2.60	67.47
7B-107-31	1-1/2	Side Outlet Not Tapped	3.85	102.46
7B-108-31	2	Side Outlet Not Tapped	6.57	156.35

7B Bronze Hydro Valves - Male x Female - NPT Threaded

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
7B-801-01	1/4	M X F Side Outlet Tapped	.73	29.74
7B-801-31	1/4	M X F Side Outlet Not Tapped	.73	28.52
7B-802-01	3/8	M X F Side Outlet Tapped	.70	29.74
7B-802-31	3/8	M X F Side Outlet Not Tapped	.70	28.52
7B-803-01	1/2	M X F Side Outlet Tapped	.82	29.74
7B-803-31	1/2	M X F Side Outlet Not Tapped	.82	28.52
7B-804-01	3/4	M X F Side Outlet Tapped	.80	35.90
7B-804-31	3/4	M X F Side Outlet Not Tapped	.80	33.57
7B-805-01	1	M X F Side Outlet Tapped	1.61	50.66
7B-805-31	1	M X F Side Outlet Not Tapped	1.61	48.12
7B-806-01	1-1/4	M X F Side Outlet Tapped	2.60	70.11
7B-806-31	1-1/4	M X F Side Outlet Not Tapped	2.60	65.98
7B-807-01	1-1/2	M X F Side Outlet Tapped	3.85	126.21
7B-807-31	1-1/2	M X F Side Outlet Not Tapped	3.85	175.52
7B-808-01	2	M X F Side Outlet Tapped	6.57	190.47
7B-808-31	2	M X F Side Outlet Not Tapped	6.57	185.12

7B Bronze Hydro Valves - Full Port Single Union - NPT Threaded

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
7B-304-01	3/4	Side Outlet Tapped	1.32	70.53
7B-304-31	3/4	Side Outlet Not Tapped	1.32	68.16
7B-305-01	1	Side Outlet Tapped	2.31	90.54
7B-305-31	1	Side Outlet Not Tapped	2.31	88.01
7B-306-01	1-1/4	Side Outlet Tapped	3.68	112.79
7B-306-31	1-1/4	Side Outlet Not Tapped	3.68	108.69
7B-307-01	1-1/2	Side Outlet Tapped	5.50	164.23
7B-307-31	1-1/2	Side Outlet Not Tapped	5.50	160.99
7B-308-01	2	Side Outlet Tapped	9.30	217.15
7B-308-31	2	Side Outlet Not Tapped	9.30	211.83

7H Stainless Steel Hydro Valves - Male x Female NPT Threaded (Full Port)

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
7H-801-01	1/4	M x F Side Outlet Tapped	.65	116.30
7H-801-31	1/4	M x F Side Outlet Not Tapped	.65	137.17
7H-802-01	3/8	M x F Side Outlet Tapped	.62	116.30
7H-802-31	3/8	M x F Side Outlet Not Tapped	.62	137.17
7H-803-01	1/2	M x F Side Outlet Tapped	.73	116.30
7H-803-31	1/2	M x F Side Outlet Not Tapped	.73	137.17
7H-804-01	3/4	M x F Side Outlet Tapped	.86	125.98
7H-804-31	3/4	M x F Side Outlet Not Tapped	.86	132.04
7H-805-01	1	M x F Side Outlet Tapped	1.65	160.72
7H-805-31	1	M x F Side Outlet Not Tapped	1.65	168.87

Backflow Preventers

W Tee Handles for Hydro Valves

Part No.	Size (In.)	Wt./Ea.	Price Ea.
W858800	1/4, 3/8, 1/2, 3/4	.04	5.26
W859100	1, 1-1/4	.06	6.01
W859300	1-1-1/2, 2	.17	10.58

W Post Indicator Valves (Flg. x Groove)

Part No.	Size (In.)	Wt./100	Price Ea.
W-9125-00	3	72.0	931.94
W-9126-00	4	103.0	978.72
W-9127-00	6	150.0	1,492.30
W-9128-00	8	221.0	2,325.66
W-9129-00	10	347.0	3,746.00

W OS&Y Gate Valves (Flg. x Groove)

Part No.	Size (In.)	Wt./100	Price Ea.
W-4733-00	2-1/2	51.0	887.21
W-4734-00	3	65.0	867.69
W-4735-00	4	93.0	1,033.43
W-4736-00	6	142.0	1,421.22
W-4737-00	8	239.0	2,388.63

W Grooved Butterfly Valves w/Integral Tamper Switch

Part No.	Size (In.)	Wt./100	Price Ea.
W-5244-00	2-1/2	11.75	888.00
W-5245-00	3	12.50	1,012.56
W-5246-00	4	19.00	2,011.82
W-5247-00	6	27.80	3,181.27
W-5248-00	8	61.00	4,754.58
W-5249-00	10	87.00	7,747.94

125YF-E Epoxy-Coated Flanged "Y" Strainers

Part No.	Size (In.)	Wt./100	Price Ea.
125YF25P045E	2-1/2	33.0	403.01
125YF03P045E	3	44.0	511.27
125YF04P125E	4	85.0	781.95
125YF06P125E	6	174.0	1,437.56
125YF08P125E	8	262.0	2,123.26
125YF10P125E	10	410.0	3,506.70

37 Water Heater Accessories : Vacuum Relief Valves

Part No.	Size (In.)	Wt./100	Price Ea.
37-201-01	1/2	30.4	36.93
37-202-01	3/4	32.4	36.93

31 Water Heater Accessories : Drain Valve

31-200 & 31-500 SERIES 90° DRAIN VALVES

Part No.	Shank Length (In.)	Wt./100	Price Ea.
31-202-04	5/8	43	19.95
31-212-04	15/16	46.5	20.52
31-501-04	5/8	31	16.94

31-400 SERIES COMBINATION TEE & DRAIN VALVES

Part No.	Handle Type	Wt./100	Price Ea.
31-401-04	Alum	62	20.10
31-401-04P	Plain	62	20.10

31-600 & 31-700 ANGLED BODY WATER HEATER DRAIN VALVES

Part No.	Shank Length (In.)	Wt./100	Price Ea.
31-600-04	5/8	27.3	14.86
31-601-04	3/4	36	14.86
31-602-04	1	35	14.99
31-604-04	1-1/4	43	14.99
31-606-04	1-1/2	49.5	16.26
31-607-04	1-3/4	48	16.03
31-608-04	2	52	16.84
31-609-04	2-1/4	52	17.98
31-610-04	2-1/2	57.2	17.98
31-611-04	2-3/4	60	18.78
31-612-04	3	66.3	18.78
31-700-04	1/2	39	18.78
31-701-04	3/4	37	18.78

32 Regular Port-General Purpose Bronze Ball Valves

STANDARD LEVER

Part No.	Size (In.)	Price Ea.
32-101-01	1/4 NPT	9.15
32-102-01	3/8 NPT	9.15
32-103-01	1/2 NPT	10.55
32-104-01	3/4 NPT	15.41
32-105-01	1 NPT	22.85
32-106-01	1-1/4 NPT	36.80
32-107-01	1-1/2 NPT	53.43
32-108-01	2 NPT	74.54

32-200 Series has been discontinued and replaced by the 77F-200 Series. See page 46.

32 Regular Port-General Purpose Bronze Ball Valves (cont'd)

TEE HANDLE

Part No.	Size (In.)	Price Ea.
32-101-07	1/4 NPT	9.15
32-102-07	3/8 NPT	8.92
32-103-07	1/2 NPT	10.55
32-104-07	3/4 NPT	15.41
32-105-07	1 NPT	22.85
32-106-07	1-1/4 NPT	36.80
32-107-07	1-1/2 NPT	53.43
32-108-07	2 NPT	74.54

32-200 Series has been discontinued and replaced by the 77F-200 Series. See page 46.

2.25" STEM EXTENSION

Part No.	Size (In.)	Price Ea.
32-101-04	1/4 NPT	17.51
32-102-04	3/8 NPT	17.27
32-103-04	1/2 NPT	18.90
32-104-04	3/4 NPT	25.65
32-105-04	1 NPT	33.08
32-106-04	1-1/4 NPT	49.37
32-107-04	1-1/2 NPT	65.99
32-108-04	2 NPT	87.12

32-200 Series has been discontinued and replaced by the 77F-200 Series. See page 46.

LATCH LOCK

Part No.	Size (In.)	Price Ea.
32-101-27	1/4 NPT	14.56
32-102-27	3/8 NPT	14.34
32-103-27	1/2 NPT	15.98
32-104-27	3/4 NPT	20.79
32-105-27	1 NPT	28.25
32-106-27	1-1/4 NPT	42.21
32-107-27	1-1/2 NPT	58.86
32-108-27	2 NPT	79.97

32-200 Series has been discontinued and replaced by the 77F-200 Series. See page 46.

MEMORY STOP

Part No.	Size (In.)	Price Ea.
32-101-92	1/4 NPT	11.80
32-102-92	3/8 NPT	11.80
32-103-92	1/2 NPT	11.80
32-104-92	3/4 NPT	16.30
32-105-92	1 NPT	24.00
32-106-92	1-1/4 NPT	38.20
32-107-92	1-1/2 NPT	56.51
32-108-92	2 NPT	77.24

32-200 Series has been discontinued and replaced by the 77F-200 Series. See page 46.

16-XT Water Heater Accessories : Hydronic Expansion Tanks

Part No.	Capacity (Gal.)	Wt./100	Price Ea.
16-XT1-03	2.1	523	79.78
16-XT3-03	5.0	947	101.49
16-XT5-03	6.5	1148	141.40
16-XT7-03	13.5	2579	271.89

40-XT Lead Free Potable Expansion Tanks

Part No.	Capacity (Gal.)	Wt./100	Price Ea.
40-XT1-03	2.1	523	100.12
40-XT3-03	5.0	947	130.87
40-XT5-03	6.5	1148	236.76

78 Water Heater Accessories :78-RV Series 3/4" Combination Water Heater Shutoff Valves

HOSE BARB RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78-304-RV (Swt)	125	150	75.51
78-314-RV (Swt)	100	150	75.51
78-324-RV (Swt)	80	150	75.51
78-404-RV (NPT)	125	110	75.51
78-414-RV (NPT)	100	110	75.51
78-424-RV (NPT)	80	110	75.51

PEX RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78-305-RV (Swt)	125	150	80.39
78-315-RV (Swt)	100	150	80.39
78-325-RV (Swt)	80	150	80.39
78-405-RV (NPT)	125	110	80.39
78-415-RV (NPT)	100	110	80.39
78-425-RV (NPT)	80	110	80.39

COMPRESSION FITTING RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78-306-RV (Swt)	125	150	80.39
78-316-RV (Swt)	100	150	80.39
78-326-RV (Swt)	80	150	80.39
78-406-RV (NPT)	125	110	80.39
78-416-RV (NPT)	100	110	80.39
78-426-RV (NPT)	80	110	80.39

1/2" NPT/SWT FITTING RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78-307-RV (Swt)	125	150	80.39
78-317-RV (Swt)	100	150	80.39
78-327-RV (Swt)	80	150	80.39
78-407-RV (NPT)	125	110	80.39
78-417-RV (NPT)	100	110	80.39
78-427-RV (NPT)	80	110	80.39

Please consult Customer Service for additional models.

78LF Water Heater Accessories :78LF-RV Series 3/4" Lead Free Water Heater Shutoff Valves

HOSE BARB RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78LF-304-RV (Swt)	125	150	92.47
78LF-314-RV (Swt)	100	150	98.45
78LF-324-RV (Swt)	80	150	98.45
78LF-404-RV (NPT)	125	110	92.47
78LF-414-RV (NPT)	100	110	98.45
78LF-424-RV (NPT)	80	110	98.45
78LF-704-RV (PEX)	125	132	92.47
78LF-714-RV (PEX)	100	132	92.47
78LF-724-RV (PEX)	80	132	92.47

PEX RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78LF-305-RV (Swt)	125	150	98.45
78LF-315-RV (Swt)	100	150	98.45
78LF-325-RV (Swt)	80	150	98.45
78LF-405-RV (NPT)	125	110	98.45
78LF-415-RV (NPT)	100	110	98.45
78LF-425-RV (NPT)	80	110	98.45
78LF-705-RV (PEX)	125	132	98.45
78LF-715-RV (PEX)	100	132	98.45

COMPRESSION FITTING RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78LF-306-RV (Swt)	125	150	98.45
78LF-316-RV (Swt)	100	150	98.45
78LF-326-RV (Swt)	80	150	98.45
78LF-406-RV (NPT)	125	110	98.45
78LF-416-RV (NPT)	100	110	98.45
78LF-426-RV (NPT)	80	110	98.45
78LF-706-RV (PEX)	125	132	96.81

1/2" NPT/SWT FITTING RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78LF-307-RV (Swt)	125	150	98.45
78LF-317-RV (Swt)	100	150	98.45
78LF-327-RV (Swt)	80	150	98.45
78LF-407-RV (NPT)	125	110	98.45
78LF-417-RV (NPT)	100	110	98.45
78LF-427-RV (NPT)	80	110	98.45

Please consult Customer Service for additional models.

78LF-RV — 78LF-RV PUSH Series 3/4" Lead Free Water Heater Shutoff Valves

NEW

3/4" PUSH WITH 1/4" PUSH RELIEF VALVE CONNECTION

Part No.	PSI	Wt./100	Price Ea.
78LF-808-RV (PUSH)	125	110	74.85
78LF-818-RV (PUSH)	100	110	74.85
78LF-828-RV (PUSH)	80	110	74.85

DEMOUNTING TOOL

Part No.	SIZE	Wt./100	Price Ea.
D553700	1/4"	-	1.78
D518700	1/2"	-	1.78
D518800	3/4"	-	1.78
D518900	1"	-	1.78

36 — Water Pressure Reducing Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
36-103-01	1/2	NPT Union x FNPT	350	179.88
36-104-01	3/4	NPT Union x FNPT	340	179.88
36-105-01	1	NPT Union x FNPT	450	247.43
36-106-01	1-1/4	NPT Union x FNPT	1020	374.75
36-107-01	1-1/2	NPT Union x FNPT	1045	404.09
36-108-01	2	NPT Union x FNPT	2250	773.97
36-203-01	1/2	FNPT x FNPT	311	170.88
36-204-01	3/4	FNPT x FNPT	305	170.88
36-205-01	1	FNPT x FNPT	415	209.45
36-206-01	1-1/4	FNPT x FNPT	910	345.00
36-207-01	1-1/2	FNPT x FNPT	909	362.39
36-208-01	2	FNPT x FNPT	1880	715.24
36-403-01	1/2	Double Union (FNPT x FMPT)	390	244.16
36-404-01	3/4	Double Union (FNPT x FMPT)	363	244.16
36-405-01	1	Double Union (FNPT x FMPT)	495	308.21
36-406-01	1-1/4	Double Union (FNPT x FMPT)	1010	565.09
36-407-01	1-1/2	Double Union (FNPT x FMPT)	1170	642.22
36-408-01	2	Double Union (FNPT x FMPT)	2620	1,066.08

Please consult Customer Service for availability of 36 models not listed here.

36 — Jump Kits For Pressure Reducing Valves

Part No.	Size (In.)	Price Ea.
36-404-JK	3/4 NPT	24.86
36-405-JK	1 NPT	28.15
36-406-JK	1-1/4 NPT	53.01
36-504-JK	3/4 Sweat	24.86
36-505-JK	1 Sweat	28.15
36-506-JK	1-1/4 Sweat	53.01
36-504-JKC	3/4 CPVC	24.86
36-405-JKC	1 CPVC	28.15

36LF — Lead Free Water Pressure Reducing Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
36LF-103-01	1/2	Pipe Thread Union x FNPT	350	220.24
36LF-104-01	3/4	Pipe Thread Union x FNPT	340	220.24
36LF-105-01	1	Pipe Thread Union x FNPT	450	302.97
36LF-106-01	1-1/4	Pipe Thread Union x FNPT	1020	458.86
36LF-107-01	1-1/2	Pipe Thread Union x FNPT	1045	494.78
36LF-108-01	2	Pipe Thread Union x FNPT	2250	947.71
36LF-203-01	1/2	FNPT x FNPT (no union)	311	209.30
36LF-204-01	3/4	FNPT x FNPT (no union)	305	209.30
36LF-205-01	1	FNPT x FNPT (no union)	415	256.52
36LF-206-01	1-1/4	FNPT x FNPT (no union)	910	422.54
36LF-207-01	1-1/2	FNPT x FNPT (no union)	909	444.24
36LF-208-01	2	FNPT x FNPT (no union)	1880	875.99
36LF-303-01	1/2	Single Union Solder x FNPT	350	220.30
36LF-304-01	3/4	Single Union Solder x FNPT	340	220.30
36LF-305-01	1	Single Union Solder x FNPT	450	303.04
36LF-306-01	1-1/4	Single Union Solder x FNPT	1020	476.70
36LF-307-01	1-1/2	Single Union Solder x FNPT	1045	494.92
36LF-308-01	2	Single Union Solder x FNPT	2250	954.46
36LF-403 -01	1/2	Double Union (FNPT x FNPT)	389	299.04
36LF-404-01	3/4	Double Union (FNPT x FNPT)	372	299.04
36LF-405-01	1	Double Union (FNPT x FNPT)	495	377.49
36LF-406-01	1-1/4	Double Union (FNPT x FNPT)	1090	692.11
36LF-407-01	1-1/2	Double Union (FNPT x FNPT)	1183	786.56
36LF-408-01	2	Double Union (FNPT x FNPT)	2472	1,305.70
36LF-503-01	1/2	Double Union (Solder x Solder)	389	299.04
36LF-504-01	3/4	Double Union (Solder x Solder)	372	299.04
36LF-505-01	1	Double Union (Solder x Solder)	495	377.49
36LF-506-01	1-1/4	Double Union (Solder x Solder)	1090	692.11
36LF-507-01	1-1/2	Double Union (Solder x Solder)	1183	786.56
36LF-508-01	2	Double Union (Solder x Solder)	2472	1,305.70

To the 36 & 36LF above, add the following: 1. Option P - Gauge tapping and plug--add 5% to the list price. 2. Option G - Gauge tapping & gauge #W-7793-00 (0-160 psi) in the box--add $22.57 to the list price. 3. Option S - Sealed cage and stainless steel adjusting screw & nut --add 5% to the list price (36 series only). 4. LP range (low pressure) 10-35 psi--add 5% to the list price. 6. HP range (high pressure) 75-125 psi--add 5% to the list price.

36C Compact Pressure Reducing Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
36C-103-01	1/2	Union NPT x NPT	240	152.47
36C-104-01	3/4	Union NPT x NPT	240	159.80
36C-105-01	1	Union NPT x NPT	270	200.61
36C-203-01	1/2	NPT x NPT	200	137.82
36C-204-01	3/4	NPT x NPT	200	138.08
36C-205-01	1	NPT x NPT	225	179.98
36C-904-01	3/4	Double Union Pex Connection	280	178.12
36C-905-01	1	Double Union Pex Connection		281.55

Please consult Customer Service for availability of 36C models not listed here.

36C Jump Kits for Pressure Reducing Valves

Part No.	Size (In.)	Price Ea.
36C-404-JK	3/4 NPT	23.18
36C-405-JK	1 NPT	26.49
36C-504-JK	3/4 Sweat	23.18
36C-505-JK	1 Sweat	26.49
36C-504-JKC	3/4 CPVC	23.18
36C-505-JKC	1 CPVC	26.49

36CLF Lead Free Compact Pressure Reducing Valves

Part No.	Size (In.)	Description	Price Ea.
36CLF-103-01	1/2	Union FNPT	186.71
36CLF-104-01	3/4	Union FNPT	195.68
36CLF-104-02	3/4	LP, Union FNPT	205.45
36CLF-104-03	3/4	HP, Union FNPT	205.45
36CLF-105-01	1	Union FNPT	245.64
36CLF-105-02	1	LP, Union FNPT	257.92
36CLF-105-03	1	HP, Union FNPT	257.92
36CLF-203-01	1/2	No Union FNPT	168.75
36CLF-204-01	3/4	No Union FNPT	169.07
36CLF-205-01	1	No Union FNPT	220.40
36CLF-303-01	1/2	Sldr x FNPT	184.58
36CLF-304-01	3/4	Sldr x FNPT	184.58
36CLF-305-01	1	Sldr x FNPT	243.07
36CLF-403-01	1/2	Dbl Union FNPT	218.09
36CLF-404-01	3/4	Dbl Union FNPT	218.09
36CLF-405-01	1	Dbl Union FNPT	266.27
36CLF-504-01	3/4	Dbl Union Sldr	216.68
36CLF-505-01	1	Dbl Union Sldr	271.71
36CLF-903-01	1/2	Dbl Union PEX	218.09
36CLF-904-01	3/4	Dbl Union PEX	218.09
36CLF-905-01	1	Dbl Union PEX	331.44

To the 36C & 36CLF above, add the following: 1. Option P - Gauge tapping and plug--add 5% to the list price. 2. Option G - Gauge tapping & gauge #W-7793-00 (0-160 psi) in the box--add $22.57 to the list price. 3. Option 36C30x01-AUB--Valve and adapter allow lay length replacement of 25AUB models. 3/4" and 1" sizes only. 4. LP range (low pressure) 10-35 psi--add 5% to the list price. 6. HP range (high pressure) 75-125 psi--add 5% to the list price.

36E Economy Pressure Reducing Valves

Part No.	Size (In.)	Description	Price Ea.
36E10301T	1/2	No Union FNPT	130.95
36E10301TB	1/2	No Union FNPT-Bronze Cap	163.95
36E10401T	3/4	No Union FNPT	131.19
36E10401TB	3/4	No Union FNPT-Bronze Cap	164.19
36E10501T	1	No Union FNPT	170.99
36E10501TB	1	No Union FNPT-Bronze Cap	203.99
36E10601T	1-1/4	No Union FNPT	265.67
36E10601TB	1-1/4	No Union FNPT-Bronze Cap	320.67
36E10701T	1-1/2	No Union FNPT	281.62
36E10701TB	1-1/2	No Union FNPT-Bronze Cap	336.62
36E10801T	2	No Union FNPT	598.98
36E10801TB	2	No Union FNPT-Bronze Cap	653.98
36E11301S	1/2	Single Union Solder	143.21
36E11301SB	1/2	Single Union Solder-Bronze Cap	176.21
36E11301T	1/2	Single Union FNPT	144.85
36E11301TB	1/2	Single Union FNPT-Bronze Cap	177.85
36E11401C	3/4	Single Union CPVC	136.67
36E11401S	3/4	Single Union Solder	143.21
36E11401SAUB	3/4	As Above w/25 AUB Adapter	157.53
36E11401SB	3/4	Single Union Solder-Bronze Cap	176.21
36E11401T	3/4	Single Union FNPT	151.81
36E11401TB	3/4	Single Union FNPT-Bronze Cap	184.81
36E11501C	1	Single Union CPVC	174.97
36E11501S	1	Single Union Solder	188.60
36E11501SB	1	Single Union Solder-Bronze Cap	221.60
36E11501T	1	Single Union FNPT	190.58
36E11501TB	1	Single Union FNPT-Bronze Cap	223.58
36E11601S	1-1/4	Single Union Solder	292.37
36E11601SB	1-1/4	Single Union Solder-Bronze Cap	347.37
36E11601T	1-1/4	Single Union FNPT	292.37
36E11601TB	1-1/4	Single Union FNPT-Bronze Cap	347.37
36E11701S	1-1/2	Single Union Solder	318.77
36E11701SB	1-1/2	Single Union Solder-Bronze Cap	373.77
36E11701T	1-1/2	Single Union FNPT	318.77
36E11701TB	1-1/2	Single Union FNPT-Bronze Cap	373.77
36E11801S	2	Single Union Solder	651.70
36E11801SB	2	Single Union Solder-Bronze Cap	706.70
36E11801T	2	Single Union FNPT	651.70
36E11801TB	2	Single Union FNPT-Bronze Cap	706.70
36E12301S	1/2	Dbl Union Solder	168.11
36E12301SB	1/2	Double Union Solder-Bronze Cap	201.11
36E12301T	1/2	Dbl Union FNPT	169.22
36E12301TB	1/2	Double Union NPT-Bronze Cap	202.22
36E12401C	3/4	Dbl Union CPVC	168.11
36E12401S	3/4	Dbl Union Solder	168.11
36E12401SB	3/4	Double Union Solder-Bronze Cap	201.11
36E12401T	3/4	Dbl Union FNPT	169.22
36E12401TB	3/4	Double Union NPT-Bronze Cap	202.22

36E Economy Pressure Reducing Valves

Part No.	Size (In.)	Description	Price Ea.
36E12401X	3/4	Dbl Union PEX	169.22
36E12501C	1	Dbl Union CPVC	192.21
36E12501S	1	Dbl Union Solder	210.81
36E12501SB	1	Double Union Solder-Bronze Cap	243.81
36E12501T	1	Dbl Union FNPT	206.59
36E12501TB	1	Double Union NPT-Bronze Cap	239.59
36E12501X	1	Dbl Union PEX	196.78
36E12601S	1-1/4	Double Union Solder	332.84
36E12601SB	1-1/4	Double Union Solder-Bronze Cap	387.84
36E12601T	1-1/4	Double Union NPT	332.84
36E12601TB	1-1/4	Double Union NPT-Bronze Cap	387.84
36E12701S	1-1/2	Double Union Solder	373.32
36E12701SB	1-1/2	Double Union Solder-Bronze Cap	428.32
36E12701T	1-1/2	Double Union NPT	373.32
36E12701TB	1-1/2	Double Union NPT-Bronze Cap	428.32
36E12801S	2	Double Union Solder	791.02
36E12801SB	2	Double Union Solder-Bronze Cap	846.02
36E12801T	2	Double Union NPT	791.02
36E12801TB	2	Double Union NPT-Bronze Cap	846.02

Please consult Customer Service for availability of 36E models not listed here.

Options		List Adder
High Pressure Range -03 Sufffix	1/2" - 1"	10%
High Pressure Range -03 Sufffix	1-1/4" - 2"	5%
Gauge Tapping w/ Plug -P Suffix	1-1/4" - 2"	5%
Tapped with Gauge -G Suffix	1-1/4" - 2"	$33.00

36ELF Lead Free Economy Pressure Reducing Valves

Part No.	Size (In.)	Description	Price Ea.
36ELF10301T	1/2	No Union FNPT	155.88
36ELF10301TB	1/2	No Union FNPT-Bronze Cap	188.88
36ELF10401T	3/4	No Union FNPT	156.17
36ELF10401TB	3/4	No Union FNPT-Bronze Cap	189.17
36ELF10501T	1	No Union FNPT	203.56
36ELF10501TB	1	No Union FNPT-Bronze Cap	236.56
36ELF10601T	1-1/4	No Union FNPT	325.29
36ELF10601TB	1-1/4	No Union FNPT-Bronze Cap	380.29
36ELF10701T	1-1/2	No Union FNPT	344.82
36ELF10701TB	1-1/2	No Union FNPT-Bronze Cap	399.82
36ELF10801T	2	No Union FNPT	733.39
36ELF10801TB	2	No Union FNPT-Bronze Cap	788.39
36ELF11301S	1/2	Single Union Solder	170.49
36ELF11301SB	1/2	Single Union Solder-Bronze Cap	203.49
36ELF11301T	1/2	Single Union FNPT	172.45
36ELF11301TB	1/2	Single Union FNPT-Bronze Cap	205.45
36ELF11401C	3/4	Single Union CPVC	$162.71
36ELF11401S	3/4	Single Union Solder	170.49
36ELF11401SB	3/4	Single Union Solder-Bronze Cap	203.49
36ELF11401T	3/4	Single Union FNPT	180.73
36ELF11401TB	3/4	Single Union FNPT-Bronze Cap	213.73
36ELF11501C	1	Single Union CPVC	$208.30
36ELF11501S	1	Single Union Solder	224.52
36ELF11501SB	1	Single Union Solder-Bronze Cap	257.52
36ELF11501T	1	Single Union FNPT	226.88
36ELF11501TB	1	Single Union FNPT-Bronze Cap	259.88
36ELF11601S	1-1/4	Single Union Solder	357.97
36ELF11601SB	1-1/4	Single Union Solder-Bronze Cap	412.97
36ELF11601T	1-1/4	Single Union FNPT	357.97
36ELF11601TB	1-1/4	Single Union FNPT-Bronze Cap	412.97
36ELF11701S	1-1/2	Single Union Solder	390.30
36ELF11701SB	1-1/2	Single Union Solder-Bronze Cap	445.30
36ELF11701T	1-1/2	Single Union FNPT	390.30
36ELF11701TB	1-1/2	Single Union FNPT-Bronze Cap	445.30
36ELF11801S	2	Single Union Solder	797.94
36ELF11801SB	2	Single Union Solder-Bronze Cap	852.94
36ELF11801T	2	Single Union FNPT	797.94
36ELF11801TB	2	Single Union FNPT-Bronze Cap	852.94
36ELF12301S	1/2	Dbl Union Solder	200.13
36ELF12301SB	1/2	Double Union Solder-Bronze Cap	233.13
36ELF12301T	1/2	Dbl Union FNPT	201.45
36ELF12301TB	1/2	Double Union NPT-Bronze Cap	234.45
36ELF12303C	1/2	Double Union CPVC	$210.13
36ELF12401C	3/4	Double Union CPVC	$200.13
36ELF12401S	3/4	Dbl Union Solder	200.13
36ELF12401SB	3/4	Double Union Solder-Bronze Cap	233.13
36ELF12401T	3/4	Dbl Union FNPT	201.45

36ELF Lead Free Economy Pressure Reducing Valves

Part No.	Size (In.)	Description	Price Ea.
36ELF12401TB	3/4	Double Union NPT-Bronze Cap	234.45
36ELF12401X	3/4	Dbl Union PEX	$201.45
36ELF12501C	1	Double Union CPVC	$241.81
36ELF12501S	1	Dbl Union Solder	250.96
36ELF12501SB	1	Double Union Solder-Bronze Cap	283.96
36ELF12501T	1	Dbl Union FNPT	245.94
36ELF12501TB	1	Double Union NPT-Bronze Cap	278.94
36ELF12501X	1	Dbl Union PEX	$234.26
36ELF12601S	1-1/4	Double Union Solder	407.53
36ELF12601SB	1-1/4	Double Union Solder-Bronze Cap	462.53
36ELF12601T	1-1/4	Double Union NPT	407.53
36ELF12601TB	1-1/4	Double Union NPT-Bronze Cap	462.53
36ELF12701S	1-1/2	Double Union Solder	457.10
36ELF12701SB	1-1/2	Double Union Solder-Bronze Cap	512.10
36ELF12701T	1-1/2	Double Union NPT	457.10
36ELF12701TB	1-1/2	Double Union NPT-Bronze Cap	512.10
36ELF12801S	2	Double Union Solder	968.53
36ELF12801SB	2	Double Union Solder-Bronze Cap	1023.53
36ELF12801T	2	Double Union NPT	968.53
36ELF12801TB	2	Double Union NPT-Bronze Cap	1023.53

Options		List Adder
High Pressure Range -03 Sufffix	1/2" - 1"	10%
High Pressure Range -03 Sufffix	1-1/4" - 2"	5%
Gauge Tapping w/ Plug -P Suffix	1-1/4" - 2"	5%
Tapped with Gauge -G Suffix	1-1/4" - 2"	$33.00

36H Super Capacity Pressure Reducing Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
36H-203-01	1/2	Threaded	750	254.01
36H-204-01	3/4	Threaded	750	254.01
36H-205-01	1	Threaded	850	395.42
36H-206-01	1-1/4	Threaded	2400	838.70
36H-207-01	1-1/2	Threaded	2300	958.52
36H-208-01	2	Threaded	4000	1,533.67
36H-209-01	2-1/2	Threaded	3700	1,677.40
36H-200-01	3	Threaded	8300	2,036.85
36H-213-01	1/2	Threaded With Y-Strainer	900	325.92
36H-214-01	3/4	Threaded With Y-Strainer	900	325.92
36H-215-01	1	Threaded With Y-Strainer	1200	503.21
36H-216-01	1-1/4	Threaded With Y-Strainer	2900	1,006.46
36H-217-01	1-1/2	Threaded With Y-Strainer	2900	1,150.24
36H-218-01	2	Threaded With Y-Strainer	4700	1,833.17
36H-219-01	2-1/2	Threaded With Y-Strainer	4900	2,252.58
36H-210-01	3	Threaded With Y-Strainer	9900	2,659.90
36H-709-01	2-1/2	(150 lb. Flange)	5500	2,912.20
36H-700-01	3	(150 lb. Flange)	8300	3,669.35
36H-719-01	2-1/2	w/ Epoxy Coated Y-Strainer (125 lb Flange)	10500	3,434.28
36H-710-01	3	w/ Epoxy Coated Y-Strainer (125 lb Flange)	13200	4,304.56

36HLF Lead Free Super Capacity Pressure Reducing Valves

CERTIFIED LEADFREE

Part No.	Size (In.)	Description	Wt. Ea.	Price Ea.
36HLF-203-01	1/2	Threaded	7.7	311.02
36HLF-204-01	3/4	Threaded	7.6	311.02
36HLF-205-01	1	Threaded	8.5	484.17
36HLF-206-01	1-1/4	Threaded	24	1,026.97
36HLF-207-01	1-1/2	Threaded	23	1,173.70
36HLF-208-01	2	Threaded	40	1,877.94
36HLF-209-01	2-1/2	Threaded	37	2,053.97
36HLF-200-01	3	Threaded	83	2,494.12
36HLF-213-01	1/2	Threaded With Y-Strainer	9	381.36
36HLF-214-01	3/4	Threaded With Y-Strainer	9	399.17
36HLF-215-01	1	Threaded With Y-Strainer	12	616.31
36HLF-216-01	1-1/4	Threaded With Y-Strainer	29	1,232.68
36HLF-217-01	1-1/2	Threaded With Y-Strainer	29	1,408.76
36HLF-218-01	2	Threaded With Y-Strainer	48	2,245.18
36HLF-219-01	2-1/2	Threaded With Y-Strainer	49	2,894.57
36HLF-210-01	3	Threaded With Y-Strainer	99	3,257.75
36HLF-709-01	2-1/2	(150 lb Flange)	55	3,565.96
36HLF-700-01	3	(150 lb Flange)	104	4,493.09
36HLF-719-01	2-1/2	w/ Epoxy Coated Y-Strainer (125 lb Flange)	90	4,100.00
36HLF-710-01	3	w/ Epoxy Coated Y-Strainer (125 lb Flange)	147	5,100.00

To the 36H & 36HLF above, add the following: -02 Suffix = LP range (low pressure) 10-35 psi--add 5% to the list price. -03 Suffix = HP range (high pressure) 75-125 psi--add 5% to the list price.

W Pressure Gauges

Part No.	Size		Price Ea.
W-8078-00	3/4" Hose*	0-300 psi/130°F max	42.57
W-7793-00	1/4" NPT	0-160 psi/130°F max	23.39
W-2799-00	1/4" NPT	0-160 psi/130°F max (Lead Free)	20.60

(Includes hose thread adapter)

A127 Automatic Control Valves-Pressure Reducing

For all Automatic Control Valves, specify globe or angle configuration when ordering. Please consult factory for larger sizes(through 24") or options and materials not listed.

DUCTILE IRON/EPOXY COATED BODY AND COVER

Part No.	Size (In.)	Wt. Ea.	Threaded - Price Ea.	Flanged - Price Ea.
A127	1-1/4	30	2,434.95	2,620.80
A127	1-1/2	35	2,434.95	2,620.80
A127	2	45	2,570.40	3,030.30
A127	2-1/2	60	2,961.00	3,146.85
A127	3	80	2,976.75	3,115.35
A127	4	150	--	3,912.30
A127	6	295	--	5,887.35
A127	8	510	--	10,070.55

A127-LF Automatic Control Valves-Pressure Reducing with Low Flow Bypass

For all Automatic Control Valves, specify globe or angle configuration when ordering. Please consult factory for larger sizes(through 24") or options and materials not listed.

DUCTILE IRON/EPOXY COATED BODY AND COVER

Part No.	Size (In.)	Wt. Ea.	Threaded - Price Ea.	Flanged - Price Ea.
A127-LF	1-1/4	30	2,658.60	3,001.95
A127-LF	1-1/2	35	2,658.60	3,001.95
A127-LF	2	45	2,951.55	3,411.45
A127-LF	2-1/2	60	3,342.15	3,528.00
A127-LF	3	80	3,357.90	3,496.50
A127-LF	4	150	--	4,293.45

A108 Automatic Control Valves Pressure Relief/Pressure Sustaining

For all Automatic Control Valves, specify globe or angle configuration when ordering. Please consult factory for larger sizes(through 24") or options and materials not listed.

DUCTILE IRON/EPOXY COATED BODY AND COVER

Part No.	Size (In.)	Wt. Ea.	Threaded - Price Ea.	Flanged - Price Ea.
A108	1-1/4	30	POA	POA
A108	1-1/2	35	POA	POA
A108	2	45	POA	POA
A108	2-1/2	60	POA	POA
A108	3	80	POA	POA
A108	4	150	POA	POA
A108	6	295	POA	POA
A108	8	510	POA	POA
A108	10	780	POA	POA

A800 Automatic Control Valves Float Control, High/Low

For all Automatic Control Valves, specify globe or angle configuration when ordering. Please consult factory for larger sizes(through 24") or options and materials not listed.

DUCTILE IRON/EPOXY COATED BODY AND COVER

Part No.	Size (In.)	Wt. Ea.	Threaded - Price Ea.	Flanged - Price Ea.
A800	1-1/4	30	POA	POA
A800	1-1/2	35	POA	POA
A800	2	45	POA	POA
A800	2-1/2	60	POA	POA
A800	3	80	POA	POA
A800	4	150	POA	POA
A800	6	295	POA	POA
A800	8	510	POA	POA
A800	10	780	POA	POA

Stainless Steel float and rod available.

61 In-line Check Valves

BRONZE BALL-CONE CHECK VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
61-101-01	1/4	38	42.12
61-102-01	3/8	38	42.12
61-103-01	1/2	38	42.12
61-104-01	3/4	75	59.81
61-105-01	1	145	82.24
61-106-01	1-1/4	275	143.21
61-107-01	1-1/2	394	182.76
61-108-01	2	630	297.48
61-109-01	2-1/2	1400	643.90
61-100-01	3	1665	1,015.22

BRONZE BALL CONE CHECK VALVE M X F

Part No.	Size (In.)	Wt./100	Price Ea.
61-201-01	1/4	38	48.51
61-202-01	3/8	38	48.51
61-203-01	1/2	38	48.51
61-204-01	3/4	75	65.53
61-205-01	1	145	91.84
61-206-01	1-1/4	275	157.68
61-207-01	1-1/2	394	196.60
61-208-01	2	630	328.28

SOFT-SEAT CHECK VALVES
BRONZE NPT EPR-SEATED CHECK VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
61-501-01	1/4	38	41.35
61-502-01	3/8	38	41.35
61-503-01	1/2	38	41.35
61-504-01	3/4	75	58.27
61-505-01	1	145	82.49
61-506-01	1-1/4	275	139.02
61-507-01	1-1/2	394	181.33
61-508-01	2	630	304.73

BRONZE SOLDER END EPR-SEATED CHECK VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
61-603-01	1/2	50	45.32
61-604-01	3/4	86.1	61.81
61-605-01	1	171	86.64
61-606-01	1-1/4	350	139.02
61-607-01	1-1/2	487	181.33
61-608-01	2	760	304.73

61 Brass NPT Mini Check Valves

Part No.	Size (In.)	Wt./100	Price Ea.
61-701-01	1/4	32	32.32
61-702-01	3/8	32	32.32
61-703-01	1/2	32	32.32
61-704-01	3/4	93	36.96
61-705-01	1	110	50.80

61 Adders

LIGHT SPRING - 0.2 PSI

	List Adder
eg. 6152101	2.30

-01 = STANDARD SUFFIX
1/2 psig cracking pressure is standard

-B1 SUFFIX = BUNA CHECK SEAT

	List Adder
1/4 thru 1 size	2.30
1-1/4 thru 2 size	4.63

-E05 SUFFIX = 5 PSIG

	List Adder
avail. 1/4 thru 1 only	9.24

-E10 SUFFIX = 10 PSIG

	List Adder
avail. 1/4 thru 1 only	9.24

-57 SUFFIX = OXYGEN CLEAN

	List Adder
1/4 thru 2 size	14.40
2-1/2 thru 3 size	43.01

-P01 = BSPP PARALLEL
No adder

-T01 = BSPT TAPER
No adder

-V1 SUFFIX = VITON CHECK SEAT

	List Adder
1/4 thru 1 size	2.30

CE SUFFIX = PED/CE COMPLIANT

	List Adder
All sizes	13.67

70BC Bronze Ball Check Valves

Part No.	Size (In.)	Wt./Ea.	Price Ea.
70-103-BC	1/2	.65	31.63
70-104-BC	3/4	1.35	35.95
70-105-BC	1	1.75	43.67
70-106-BC	1-1/4	3.30	71.94
70-107-BC	1-1/2	4.65	89.73
70-108-BC	2	6.10	127.55

61Y Bronze Swing Check Valves

See Gates, Globes & Check Price List GGCPL9000

61YLF Lead Free Bronze Swing Check Valves

See Gates, Globes & Check Price List GGCPL9000

61LF Lead Free In-line Check Valves

Part No.	Size (In.)	Wt./100	Price Ea.
61LF-101-01	1/4	38	51.58
61LF-102-01	3/8	38	51.58
61LF-103-01	1/2	38	51.58
61LF-104-01	3/4	75	73.25
61LF-105-01	1	145	100.71
61LF-106-01	1-1/4	275	175.36
61LF-107-01	1-1/2	394	225.01
61LF-108-01	2	630	364.28
61LF-109-01	2-1/2	1400	788.43
61LF-100-01	3	1665	1,243.14

LEAD FREE SOFT-SEAT CHECK VALVE

Part No.	Size (In.)	Wt./100	Price Ea.
61LF-502-01	3/8	38	53.18
61LF-503-01	1/2	38	53.18
61LF-504-01	3/4	75	74.94
61LF-505-01	1	145	106.06
61LF-506-01	1-1/4	275	178.73
61LF-507-01	1-1/2	394	233.15
61LF-508-01	2	630	391.80

LEAD FREE SOFT-SEAT CHECK VALVE - SOLDER

Part No.	Size (In.)	Wt./100	Price Ea.
61LF-603-01	1/2	38	58.27
61LF-604-01	3/4	75	$79.47
61LF-605-01	1	145	$111.39
61LF-606-01	1-1/4	275	$178.73
61LF-607-01	1-1/2	394	$233.15
61LF-608-01	2	630	$391.80

62 Stainless Steel Check Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
62-101-01	1/4	Ball Cone	38.3	86.29
62-102-01	3/8	Ball Cone	37.3	88.26
62-103-01	1/2	Ball Cone	36.3	104.22
62-104-01	3/4	Ball Cone	76.6	167.03
62-105-01	1	Ball Cone	76.6	227.13
62-106-01	1-1/4	Ball Cone	237.5	308.22
62-107-01	1-1/2	Ball Cone	381	431.95
62-108-01	2	Ball Cone	636	752.42
62-501-01	1/4	Viton-Seated	38.3	92.28
62-502-01	3/8	Viton-Seated	37.3	92.28
62-503-01	1/2	Viton-Seated	36.3	110.67
62-504-01	3/4	Viton-Seated	76.6	171.30
62-505-01	1	Viton-Seated	76.6	228.66

62 Adders

LIGHT SPRING - 0.2 PSI

	List Adder
eg. 6252101	1.90

-01 = STANDARD SUFFIX

1/2 psig cracking pressure is standard

-B1 SUFFIX =BUNA CHECK SEAT

	List Adder
1/4 thru 1 size	1.90
1-1/4 thru 2 size	3.83

-E05 SUFFIX = 5 PSIG

	List Adder
avail. 1/4 thru 1 only	7.60

-E10 SUFFIX = 10 PSIG

	List Adder
avail. 1/4 thru 1 only	7.60

-57 SUFFIX = OXYGEN CLEAN

	List Adder
1/4 thru 2 size	11.88
2-1/2 thru 3 size	35.44

-P01 = BSPP PARALLEL

No adder

-T01 = BSPT TAPER

No adder

-V1 SUFFIX = VITON CHECK SEAT

	List Adder
1/4 thru 1 size	1.90
1-1/4 thru 2 size	3.83

CE SUFFIX = PED/CE COMPLIANT

	List Adder
All sizes	12.76

35 Hydronic Heating Specialties

FEED WATER PRESSURE REGULATOR

Part No.	Size (In.)	Wt./100	Price Ea.
35-503-01	1/2 Union	255	120.00
35-603-01	1/2 NPT	225	110.77
35-703-01	1/2 Solder Joint	232	119.76
35-803-01	1/2 Press x 1/2 NPT	see XPRV price list	

COMBINATION BACKFLOW PREVENTER & FEED WATER REGULATOR [35-6A3 & 35-6H3 SERIES]

Part No.	Size (In.)	Wt./100	Price Ea.
35-6A3-BF	1/2 Union NPT x NPT	450	232.72
35-6H3-BF	1/2 SWTX 1/2 NPT Union	450	232.72
35-6A3-BFC	1/2 NPTX 1/2 Blank Outlet	450	232.72
35-6H3-BFC	1/2 SWTX 1/2 Blank Outlet	450	232.72

MULTI-ORIFICE CONTROL VALVE

Part No.	Size (In.)	Height	Length	Wt./100	Price Ea.
35-403-01	1/2 SF	2.11	2.00	42.8	37.39

34 Mixing Valves : TV Series

STANDARD TEMPERING VALVE TEMP. RANGE 120°-180°F

Part No.	Size (In.)	Description	Wt./100	Price Ea.
34-203-01	1/2	Solder	88	83.61
34-204-01	3/4	Solder	101	86.69

LOW TEMPERING VALVE TEMP. RANGE 85°-120°F

Part No.	Size (In.)	Description	Wt./100	Price Ea.
34-203-L1	1/2	Solder	88	92.89
34-204-L1	3/4	Solder	101	96.00

REPAIR KITS (35-200-**RK)

Insert corresponding -01 or -L1 suffix.

34A Thermostatic Mixing Valves ASSE 1017 Certified

TEMP. RANGE 85°-140°F

Part No.	Size (In.)	Description	Price Ea.
34A-213-T	1/2	Threaded	161.14
34A-214-T	3/4	Threaded	173.42
34A-215-T	1	Threaded	191.16
34A-213-S	1/2	Solder	161.14
34A-214-S	3/4	Solder	173.42
34A-215-S	1	Solder	191.16
34A-213-X	1/2	PEX	161.14

34A SERIES WITH 120°F ADJUSTMENT LIMIT STOP

Part No.	Size (In.)	Description	Price Ea.
34A-213-BT	1/2	Threaded	176.16
34A-214-BT	3/4	Threaded	187.08
34A-215-BT	1	Threaded	206.19
34A-213-BS	1/2	Solder	176.16
34A-214-BS	3/4	Solder	187.08
34A-215-BS	1	Solder	206.19
34A-213-BC	1/2	CPVC	176.16
34A-214-BC	3/4	CPVC	187.08
34A-215-BC	1	CPVC	206.19
34A-213-BX	1/2	PEX	176.16
34A-214-BX	3/4	PEX	187.08
34A-215-BX	1	PEX	206.19

34ALF Lead Free Thermostatic Mixing Valve ASSE 1017 Certified

Part No.	Size (In.)	Description	Price Ea.
34ALF-213-BS	1/2	Solder, Limit Stp	223.67
34ALF-213-BT	1/2	FNPT, Limit Stp	223.67
34ALF-213-BX	1/2	PEX, Limit Stp	223.67
34ALF-213-C	1/2	CPVC	204.61
34ALF-213-S	1/2	Solder	204.61
34ALF-213-T	1/2	FNPT	204.61
34ALF-213-X	1/2	PEX	204.61
34ALF-214-BC	3/4	CPVC, Limit Stp	237.56
34ALF-214-BS	3/4	Solder, Limit Stp	237.56
34ALF-214-BT	3/4	NPT, Limit Stp	237.56
34ALF-214-BX	3/4	PEX, Limit Stp	237.56
34ALF-214-C	3/4	CPVC	220.22
34ALF-214-S	3/4	Solder	220.22
34ALF-214-T	3/4	FNPT	220.22
34ALF-214-X	3/4	PEX	220.22
34ALF-215-BC	1	CPVC, Limit Stp	261.83
34ALF-215-BS	1	Solder, Limit Stp	261.83
34ALF-215-BT	1	FNPT, Limit Stp	261.83
34ALF-215-BX	1	PEX, Limit Stp	261.83
34ALF-215-C	1	CPVC	242.76
34ALF-215-S	1	Solder	242.76
34ALF-215-SC	1	Solder x CPVC	242.76
34ALF-215-T	1	FNPT	242.76
34ALF-215-TC	1	FNPT x CPVC	242.76
34ALF-215-X	1	PEX	242.76
34ALF-215-XC	1	PEX x CPVC	242.75

master cartons consist of 15 pieces

34AH Thermostatic Mixing Valve Radiant Series

TEMP. RANGE 130°-180°F

Part No.	Size (In.)	Connection	Price Ea.
34A-213-HT	1/2	Threaded	161.14
34A-214-HT	3/4	Threaded	173.42
34A-215-HT	1	Threaded	191.16
34A-213-HS	1/2	Solder	161.14
34A-214-HS	3/4	Solder	173.42
34A-215-HS	1	Solder	191.16
34A-213-HC	1/2	CPVC	161.14
34A-214-HC	3/4	CPVC	173.42
34A-215-HC	1	CPVC	191.16
34A-213-HX	1/2	PEX	161.14
34A-214-HX	3/4	PEX	173.42
34A-215-HX	1	PEX	191.16

master cartons consist of 15 pieces

34B Thermostatic Mixing Valve ASSE1070 Certified

TEMP. RANGE 85°-120°F

Part No.	Size (In.)	Connection	Price Ea.
34B-213-T	1/2	Threaded	224.17
34B-214-T	3/4	Threaded	228.74
34B-215-T	1	Threaded	256.19
34B-213-S	1/2	Solder	224.17
34B-214-S	3/4	Solder	228.74
34B-215-S	1	Solder	256.19
34B-213-C	1/2	CPVC	224.17
34B-213-X	1/2	PEX	224.17
34B-214-X	3/4	PEX	228.74

34BLF Lead Free Thermostatic Mixing Valve ASSE1070 Certified

TEMP. RANGE 85°-120°F

Part No.	Size (In.)	Description	Price Ea.
34BLF-213-C	1/2	CPVC	284.66
34BLF-213-S	1/2	Solder	284.66
34BLF-213-T	1/2	Threaded	284.66
34BLF-213-X	1/2	PEX	284.66
34BLF-213-PR	1/2	Press	see XPRV price list
34BLF-214-C	3/4	CPVC	290.46
34BLF-214-S	3/4	Solder	290.46
34BLF-214-T	3/4	Threaded	290.46
34BLF-214-X	3/4	PEX	290.46
34BLF-214-PR	3/4	Press	see XPRV price list
34BLF-215-C	1	CPVC	325.33
34BLF-215-S	1	Solder	325.33
34BLF-215-T	1	Threaded	325.33
34BLF-215-X	1	PEX	325.33

master cartons consist of 15 pieces

34C Commercial Mixing Valve High Capacity ASSE 1017 Certified

TEMP. RANGE 90°-140°F

Part No.	Size (In.)	Connection	Price Ea.
34C-104-01	3/4	Threaded	411.73
34C-105-01	1	Threaded	457.49
34C-106-01	1-1/4	Threaded	754.83
34C-107-01	1-1/2	Threaded	818.92
34C-108-01	2	Threaded	1,200.89

master cartons consist of 4 pieces

34CLF Lead Free Commercial Mixing Valve High Capacity ASSE 1017 Certified

TEMP. RANGE 90°-140°F

Part No.	Size (In.)	Connection	Price Ea.
34CLF-104-01	3/4	Threaded	535.60
34CLF-105-01	1	Threaded	592.80
34CLF-106-01	1-1/4	Threaded	977.60
34CLF-107-01	1-1/2	Threaded	1,060.80
34CLF-108-01	2	Threaded	1,560.00

master cartons consist of 4 pieces

34C-H Commercial Mixing Valve Radiant Series High Capacity

TEMP. RANGE 130°-180°F

Part No.	Size (In.)	Connection	Price Ea.
34C-104-H1	3/4	Threaded	457.49
34C-105-H1	1	Threaded	503.21
34C-106-H1	1-1/4	Threaded	800.58
34C-107-H1	1-1/2	Threaded	846.32
34C-108-H1	2	Threaded	1,246.62

master cartons consist of 4 pieces

34CLF-H Lead Free Commercial Mixing Valve Radiant Series High Capacity

TEMP. RANGE 130°-180°F

Part No.	Size (In.)	Connection	Price Ea.
34CLF-104-H1	3/4	Threaded	592.80
34CLF-105-H1	1	Threaded	650.00
34CLF-106-H1	1-1/4	Threaded	1,040.00
34CLF-107-H1	1-1/2	Threaded	1,097.20
34CLF-108-H1	2	Threaded	1,612.00

master cartons consist of 4 pieces

34HL Automatic Temperature Controller 34HL Mixing Valve (HI-LO)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
34HL-105-01	1 x 1-1/4	NPT	36.00	2,438.85
34HL-105-17	1 x 1-1/4	NPT, Nickel Plated	36.00	2,711.94

Part No.	Description	Price Ea.
34HLBOX01	Cabinet, Flush Mount, SS, #3 PVC, Peel Off Coating	2,594.44
34HLBOX02	Cabinet, Flush Mount, CS, White Powder Coat	2,184.80
34HLBOX03	Cabinet, Wall Mount, SS, #3 PVC, Peel Off Coating	2,594.44
34HLBOX04	Cabinet, Wall Mount, CS, White Powder Coat	2,184.80

34D Mini Mixer Valve - ASSE 1070 Certified

TEMP. RANGE 85°-120°F

Part No.	Description	Price Ea.
34D-302-01	3/8 Single Out Bronze	148.98
34D-302-17	3/8 Single Out Chrome	173.46
34D-302-B1	3/8 Double Out Bronze	169.02
34D-302-B17	3/8 Double Out Chrome	194.39

master cartons consist of 25 pieces

34DLF Lead Free Mini Mixer Valve ASSE 1070 Certified

TEMP. RANGE 85°-120°F

Part No.	Description	Price Ea.
34DLF-302-01	3/8 Single Out Bronze	189.19
34DLF-302-17	3/8 Single Out Chrome	220.28
34DLF-302-B1	3/8 Double Out Bronze	214.62
34DLF-302-B17	3/8 Double Out Chrome	246.82

master cartons consist of 25 pieces

34E Emergency Eye Wash Mixing Valve

Part No.	Description	Price Ea.
34E-113T	1/2 Mixing Valve - NPT	858.31
34E-113S	1/2 Mixing Valve - Solder	858.31
34E-114T	3/4 Mixing Valve - NPT	910.33
34E-114S	3/4 Mixing Valve - Solder	910.33

34ELF Lead Free Emergency Eye Wash Mixing Valve

Part No.	Description	Price Ea.
34ELF-113T	1/2 Lead Free Mixing Valve - NPT	1,103.54
34ELF-113S	1/2 Lead Free Mixing Valve - Solder	1,103.54
34ELF-114T	3/4 Lead Free Mixing Valve - NPT	1,170.43
34ELF-114S	3/4 Lead Free Mixing Valve - Solder	1,170.43

58 Balancing Valves

Part No.	Size (In.)	Wt./100	Price Ea.
58-003-01	1/2 Solder	30	24.96
58-004-01	3/4 Solder	53.4	33.38

58A Balancing Valves

This valve is being discontinued. Available until remaining stock is depleted.

Part No.	Size (In.)	Connection	Wt./100	Price Ea.
58A103T	1/2	NPT	0.8	58.80
58A104T	3/4	NPT	1	70.35
58A105T	1	NPT	1.4	93.45
58A106T	1-1/4	NPT	2.5	128.10
58A107T	1-1/2	NPT	3.1	143.85
58A108T	2	NPT	4.4	164.85
58A103S	1/2	Sweat	1	58.80
58A104S	3/4	Sweat	1.3	70.35
58A105S	1	Sweat	1.8	93.45
58A106S	1-1/4	Sweat	3.1	128.10
58A107S	1-1/2	Sweat	4	143.85
58A108S	2	Sweat	5.8	164.85
58A103PR	1/2	Press	1.1	80.34
58A104PR	3/4	Press	1.4	92.70
58A105PR	1″	Press	1.8	115.36
58A106PR	1¼″	Press	3.3	149.35
58A107PR	1½″	Press	4.3	181.28
58A108PR	2″	Press	6	210.12

78 Bronze Purge Balance & Shutoff Valve

Part No.	Size (In.)	Wt./100	Price Ea.
78-668-01	3/4	206	72.73
78-668-02	1	358	168.11

27 Radiator Air Valves

Part No.	Size (In.)	Wt./100	Price Ea.
27-202-02	1/8	2	6.57
H-2404-00	Key Only	9	1.26

35FC All Bronze Flow Check Valves

Part No.	Size (In.)	Description	Wt./100	Price Ea.
35-FC4-02	3/4	Sweat	112	77.08
35-FC5-02	1	Sweat	155	98.05
35-FC4-01	3/4	Threaded	233	71.27
35-FC5-01	1	Threaded	261	75.96
35-FC6-01	1-1/4	Threaded	502	109.76
35-FC7-01	1-1/2	Threaded	867	210.17
35-FC8-01	2	Threaded	1220	280.19
35-FC4-01PR	3/4	Press	see XPRV price list	
35-FC5-01PR	1	Press	see XPRV price list	

GB Gas Cocks

GB-10 SERIES : CSA GAS SHUTOFF BALL VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
Standard Wing Handle (GB-10)			
51-GB2-01	3/8	56	15.54
51-GB3-01	1/2	63	15.54
51-GB4-01	3/4	139	21.18
51-GB5-01	1	172	30.66
Optional Lever Handle (GB-10L)			
51-GB2-L1	3/8	56	15.54
51-GB3-L1	1/2	63	15.54
51-GB4-L1	3/4	139	21.18
51-GB5-L1	1	172	30.66
Optional Tee Handle (GB-10T)			
51-GB2-T1	3/8	56	15.54
51-GB3-T1	1/2	63	15.54
51-GB4-T1	3/4	139	21.18
51-GB5-T1	1	172	30.66

GB-15 SERIES : CSA UNIBODY GAS SHUTOFF BALL VALVES FNPT X FNPT

Part No.	Size (In.)	Wt./100	Price Ea.
51-GF3-01A	1/2	38	13.34
51-GF4-01A	3/4	64	15.08

GB Gas Shutoff Ball Valves

GB-50 SERIES : CSA GAS SHUTOFF BALL VALVES WITH SINGLE 1/8 TAPPING

Part No.	Size (In.)	Wt./100	Price Ea.
50-GB3-01	1/2	64	25.71
50-GB4-01	3/4	80	42.78
50-GB5-01	1	161	53.55
50-GB6-01	1-1/4	260	74.88
50-GB7-01	1-1/2	385	121.89
50-GB8-01	2	657	171.06

GB-50 SERIES : CSA GAS SHUTOFF BALL VALVES WITH SINGLE 1/4 TAPPING

Part No.	Size (In.)	Wt./100	Price Ea.
50-GB5-A1	1	161	53.55
50-GB6-A1	1-1/4	260	74.88
50-GB7-A1	1-1/2	385	121.89
50-GB8-A1	2	657	171.06

GB-50 SERIES : CSA DUAL PILOT TAPPED BALL VALVE

Part No.	Size (In.)	Wt./100	Price Ea.
50-GB4-01A	3/4	1/8	46.85
50-GB4-07A	3/4	1/8 w/t-handle	46.85
50-GB5-01A	1	1/8	57.63
50-GB5-07A	1	1/8 w/t-handle	57.63
50-GB6-01A	1-1/4	1/8	78.94
50-GB6-07A	1-1/4	1/8 w/t-handle	78.94
50-GB7-01A	1-1/2	1/8	125.96
50-GB7-07A	1-1/2	1/8 w/t-handle	125.96
50-GB8-01A	2	1/8	175.16
50-GB8-07A	2	1/8 w/t-handle	175.16
50-GB5-A1A	1	1/4	57.63
50-GB5-A7A	1	1/4 w/t-handle	57.63
50-GB6-A1A	1-1/4	1/4	78.94
50-GB6-A7A	1-1/4	1/4 w/t-handle	78.94
50-GB7-A1A	1-1/2	1/4	125.96
50-GB7-A7A	1-1/2	1/4 w/t-handle	125.96
50-GB8-A1A	2	1/4	175.16
50-GB8-A7A	2	1/4 w/t-handle	175.16

50 Manual Main Control Valves

Part No.	Size (In.)	Wt./100	Price Ea.
50-203-02	1/2	88	65.77
50-303-02*	3/4	156	71.45
50-403-02*	1	197	90.06
50-503-02*	1-1/4	300	113.33
50-603-02*	1-1/2	478	217.65
50-703-02*	2	845	339.23
50-803-02*	2-1/2	1000	369.02

** Design certified by CSA*

51 Gas Service Cocks

TEE HANDLE WITH CHECK

Part No.	Size (In.)	Wt./100	Price Ea.
51-103-01*	1/4	35	28.55
51-104-01*	3/8	47	45.76
51-105-01*	1/2	54	46.82
51-106-01*	3/4	83	51.30

** Design certified by CSA*

LEVER HANDLE WITH CHECK

Part No.	Size (In.)	Wt./100	Price Ea.
51-107-01*	3/8	50	46.07
51-108-01*	1/2	56	46.38
51-109-01*	3/4	87	51.67

** Design certified by CSA*

52 Gas Service Cocks

TEE HEAD

Part No.	Size (In.)	Wt./100	Price Ea.
52-101-01	1/4	32	26.41
52-102-01	3/8	29	26.71
52-103-01	1/2	45	25.98
52-104-01	3/4	65.8	29.43
52-105-01	1	92.9	36.38

FLAT HEAD

Part No.	Size (In.)	Wt./100	Price Ea.
52-201-01	1/4	30	26.89
52-202-01	3/8	28	26.89
52-203-01	1/2	43	26.41
52-204-01	3/4	57	29.43
52-205-01	1	90.6	37.51

SQUARE HEAD

Part No.	Size (In.)	Wt./100	Price Ea.
52-301-01	1/4	31	27.11
52-302-01	3/8	28	27.11
52-303-01	1/2	43	27.11
52-304-01	3/4	62.7	28.29
52-305-01	1	90	36.76

LEVER HEAD

Part No.	Size (In.)	Wt./100	Price Ea.
52-401-01	1/4	34.3	26.89
52-402-01	3/8	30	26.89
52-403-01	1/2	46	26.89
52-404-01	3/4	66.7	30.08
52-405-01	1	97	36.13

53 Gas Cocks

Part No.	Size (In.)	Wt./100	Price Ea.
53-299-01*	1/8M x 1/8F	14	20.55
53-300-01*	1/4M x 1/4F	18.5	20.55
53-301-01	3/8M x 3/8F	45	42.96

*Design certified by CSA

54 Gas Hose Cocks & Flared Shutoff Valve

Part No.	Size (In.)	Wt./100	Price Ea.
54-101-01*	3/8F	41	28.09
54-102-01*	1/2F	34.8	28.29
54-103-01*	3/4F	40	28.61
54-201-01*	3/8F x 3/8SAE	36	28.09
54-202-01*	1/2F x 3/8SAE	33.4	28.09
54-203-01*	1/2F x 1/2SAE	35	28.61
54-204-01*	3/4F x 1/2SAE	45.1	30.63
54-206-01*	3/4F x 5/8SAE	50	30.63
54-207-01*	1/2F x 5/8SAE	57	32.17
54-208-01*	3/4F x 3/8SAE	44	31.30
54-209-01*	3/4F x 1/2MNPT	44	31.30
54-401-01*	3/8F x 3/8SAE	35	28.61
54-402-01*	1/2F x 3/8SAE	33	28.61

*Design certified by CSA

55 Gas Cocks With Throttle Adjustment

Part No.	Size (In.)	Wt./100	Price Ea.
55-302-01*	1/4M x 1/4F	33	37.85

*Design certified by CSA

56 Pilot Cocks

Part No.	Size (In.)	Wt./100	Price Ea.
56-111-01*	1/8M x 1/4 Tube Plain	15	21.67
56-112-01*	1/8M x 1/4 Tube TA	14	33.75
56-221-01*	1/8M x 1/8F Plain	16.1	20.30
56-222-01*	1/8M x 1/8F F TA	16.1	32.56
56-601-01*	1/8M x 1/4 Tube RH	17	28.29
56-602-01*	1/8M x 1/4 Tube RH TA	17	39.49
56-603-01*	1/8M x 1/4 Tube LH	17	28.29
56-604-01*	1/8M x 1/4 Tube LH TA	17	39.49

*Design certified by CSA

20 Water Gauges and Accessories

When ordering valves only (NO GLASS OR RODS) use suffix "-03" for ALL water gauges.

20-100 & 20-150 SERIES : STANDARD PATTERN BRONZE WATER GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-101-00	3/8	5/8 x 10	145	75.68	79.45
20-102-00	3/8	5/8 x 10	145	75.68	79.45
20-104-00	1/2	5/8 x 12	160	76.74	80.52
20-105-00	1/2	5/8 x 12	160	76.74	80.52
20-150-00	1/2	5/8 x 12	160	82.98	86.85
20-151-00	1/2	5/8 x 12	160	82.98	86.85

20-200, 20-250 & 25-200 : HEAVY PATTERN BRONZE WATER GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-201-00	3/8	5/8 x 10	185	94.97	98.88
20-202-00	3/8	5/8 x 10	189	94.97	98.88
20-204-00	1/2	5/8 x 12	205	94.97	98.88
20-205-00	1/2	5/8 x 12	205	94.97	98.88
20-207-00	3/4	3/4 x 16	270	121.20	126.15
20-208-00	3/4	3/4 x 16	270	121.20	126.15
20-250-00	1/2	5/8 x 12	195	100.69	104.35
20-251-00	1/2	5/8 x 12	200	100.69	104.35
20-253-00	3/4	3/4 x 16	355	143.53	148.48
20-254-00	3/4	3/4 x 16	300	143.53	148.48
25-201-00	3/8	5/8 x 10	180	182.36	186.19
25-202-00	3/8	5/8 x 10	185	182.36	186.19
25-204-00	1/2	5/8 x 12	190	185.12	188.72
25-205-00	1/2	5/8 x 12	190	185.12	188.72
25-207-00	3/4	3/4 x 16	290	194.85	199.73
25-208-00	3/4	3/4 x 16	295	194.85	199.73

20-300, 20-350 & 25-400, 25-500 SERIES : SQUARE PATTERN BRONZE WATER GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-304-00	1/2	5/8 x 12	260	134.79	139.34
20-305-00	1/2	5/8 x 12	270	134.79	139.34
20-307-00	3/4	3/4 x 16	345	224.37	230.48
20-308-00	3/4	3/4 x 16	365	224.37	230.48
20-350-00	1/2	5/8 x 12	265	145.19	149.67
20-351-00	1/2	5/8 x 12	265	145.19	149.67
20-353-00	3/4	3/4 x 16	360	219.59	225.77
20-354-00	3/4	3/4 x 16	360	219.59	225.77
25-404-00	1/2	5/8 x 12	285	157.47	161.92
25-405-00	1/2	5/8 x 12	285	157.47	161.92

20 Water Gauges and Accessories (cont'd)

When ordering valves only (NO GLASS OR RODS) use suffix "-03" for ALL water gauges.

20-300, 20-350 & 25-400, 25-500 SERIES : SQUARE PATTERN BRONZE WATER GAUGES (CONT'D)

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
25-407-00	3/4	3/4 x 16	350	287.51	293.56
25-408-00	3/4	3/4 x 16	350	287.51	293.56
25-501-00	1/2	5/8 x 12	290	153.44	155.68
25-502-00	1/2	5/8 x 12	290	153.44	155.68
25-504-00	3/4	3/4 x 16	355	307.01	313.04
25-505-00	3/4	3/4 x 16	355	307.01	313.04

20-400 & 20-410 SERIES : SIDE MOUNTED HANDWHEEL WATER GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-405-00 (RH)	1/2	5/8 x 12	165	109.21	112.24
20-406-00 (LH)	1/2	5/8 x 12	165	109.21	112.24
20-407-00 (RH)	1/2	5/8 x 12	160	143.75	145.19
20-408-00 (LH)	1/2	5/8 x 12	170	143.75	145.19
20-410-00 (LH)	1/2	5/8 x 12	180	94.19	97.24

20-600, 24-600 & 24-650 : CHAIN LEVER WATER GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-601-00*	1/2	5/8 x 12	370	268.49	273.01
20-602-00*	3/4	3/4 x 16	435	290.61	296.76
24-601-00	1/2	5/8 x 12	515	403.38	411.05
24-602-00	3/4	3/4 x 16	580	400.91	411.05
24-651-00	1/2	5/8 x 12	515	421.30	429.10
24-652-00	3/4	3/4 x 16	580	420.79	430.93

**Ball Valve not included as standard*
***Chain lever assembly not included*

20-600 & 20-800 SERIES : BRONZE EXPANSION TANK GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-604-00	1/2	5/8 x 12	155	86.21	90.01
20-605-00	1/2	5/8 x 12	175	86.21	90.01
20-804-00	1/2	5/8 x 12	160	116.46	120.21
20-805-00	1/2	5/8 x 12	160	116.46	120.21

20-700 & 20-710 SERIES : SIMPLE EXPANSION TANK GAUGES

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
20-703-00	3/8	5/8 x 10	120	60.12	63.90
20-704-00	1/2	5/8 x 12	135	60.65	64.44

21 Rough Bronze Water Gauges with Extended Shank

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
21-104-00	1/2	5/8 x 12	185	95.50	99.31
21-105-00	1/2	5/8 x 12	197	95.50	99.31
21-150-00	1/2	5/8 x 12	195	101.67	105.53
21-151-00	1/2	5/8 x 12	207	101.67	105.53
21-204-00	1/2	5/8 x 12	216	109.84	113.76
21-205-00	1/2	5/8 x 12	219	109.84	113.76
21-250-00	1/2	5/8 x 12	215	117.61	121.42
21-251-00	1/2	5/8 x 12	215	117.61	121.42

23 Stainless Steel Liquid Level Gauges

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
23-401-00	1/2	5/8 x 12	385	963.98	973.97
23-402-00	1/2	5/8 x 12	385	963.98	973.97
23-404-00	3/4	3/4 x 16	450	932.78	946.62
23-405-00	3/4	3/4 x 16	450	932.78	946.62
23-450-00	1/2	5/8 x 12	390	1,020.42	1,030.40
23-451-00	1/2	5/8 x 12	390	1,020.42	1,030.40
23-453-00	3/4	3/4 x 16	455	1,010.05	1,023.91
23-454-00	3/4	3/4 x 16	455	1,010.05	1,023.91

23 Stainless Steel Expansion Tank Gauges

When ordering valves only (NO GLASS OR RODS) use suffix "-03" for ALL water gauges.

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
23-651-00	1/2	5/8 x 12	225	609.26	616.98
23-654-00	3/4	5/8 x 12	225	606.72	616.98

24 Bronze Liquid Level Gauges

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
24-301-00	1/2	5/8 x 12	425	336.34	343.92
24-302-00	1/2	5/8 x 12	425	336.34	343.92
24-304-00	3/4	3/4 x 16	490	334.86	344.98
24-305-00	3/4	3/4 x 16	490	334.86	344.98
24-350-00	1/2	5/8 x 12	425	350.16	357.82
24-351-00	1/2	5/8 x 12	425	350.16	357.82
24-353-00	3/4	3/4 x 16	490	353.43	363.58
24-354-00	3/4	3/4 x 16	490	353.43	363.58

25 Chain Lever Water Gauges

Part No.	Pipe Size (In.)	Glass O.D. & Length	Wt./100	(-03) wo Rod/Glass Price Comp.	(-00) Price Comp.
25-601-00	1/2	5/8 x 12	335	430.91	435.33
25-602-00	3/4	3/4 x 16	350	451.77	457.69

**Chain lever assembly not included*

Spare Parts for Water Gauges

Part No.	Description	Price Ea.
65-004-67	1/4 Drain Valve	5.02
C-1405-06	Packing Nut for 200# Gauges	3.55
C-1406-06	Packing Nut for 125# Gauges	2.16
C-1407-06	3/4 Glass Nut	5.30
C-1408-06	5/8 Glass Nut	4.56
D-1600-00	5/8 E.P.D.M. Rubber Washer	1.17
D-1606-00	3/4 E.P.D.M. Rubber Washer	1.66
D-1871-00	5/8 PTFE Reinforced Washer	2.16
D-1872-00	3/4 PTFE Reinforced Washer	2.40
D-2529-00	5/8 PTFE Reinforced Washer	2.16
D-2530-00	5/8 E.P.D.M. Rubber Washer	17.24
D-2531-00	5/8 Viton Rubber Washer	24.53
D-2787-00	5/8 PTFE Reinforced Washer	4.03
D-2788-00	3/4 PTFE Reinforced Washer	3.65
D-2794-00	3/4 Viton Rubber Washer	19.19
D-3157-00	5/8 E.P.D.M. Rubber Washer	3.93
D-3158-00	3/4 E.P.D.M. Rubber Washer	30.83
D-3159-00	5/8 Viton Rubber Washer	30.83
D-3315-00	5/8 PTFE Washer	3.93
D-3316-00	3/4 PTFE Washer	4.56
D-3319-00	5/8 PTFE Washer	7.59
D-3320-00	3/4 PTFE Washer	6.86
D-3321-00	5/8 PTFE Washer	8.37
E-1818-00	3/4 Brass Washer	0.88
E-1819-00	5/8 Brass Washer	0.88
H-2435-00	Alum. Wheel for 125# Gauges	3.55
H-2450-00	Alum. Wheel for 200# Gauges	3.93
H-2927-00	Comp. Wheel for 200# Gauges	3.55
I-2713-00	S Hook	1.26
I-2715-05	12' Pull Chain	48.54
I-4197-05	6' Pull Chain	24.41

Water Gauge Repair Kits

KEY

20-001-XX Std. Hypalon® packing
20-003-XX Graphite packing

Applications	Kit Number	Price Ea.
20-101, 20-102, 20-104, 20-105, 20-150, 20-150, 20-151, 20-410, 21-101, 21-102, 21-104, 21-105, 21-150, 21-151	20-001-01 20-003-01	20.05 23.86
20-201, 20-202, 20-204, 20-205, 20-250, 20-251, 20-304, 20-305, 20-350, 20-351, 20-604, 20-605, 20-804, 20-805, 21-204, 21-205, 21-250, 21-251, 25-201, 25-202, 25-204, 25-205, 25-404, 25-405, 25-501, 25-502	20-001-02 20-003-02	20.05 25.82
20-207. 20-208, 20-253, 20-254, 20-307, 20-308, 20-353, 20-354, 25-207, 25-208, 25-407, 25-408, 25-504, 25-505	20-001-03 20-003-03	20.05 53.79
20-601, 25-601	20-001-04 20-003-04	21.40 28.17
20-602, 25-602	20-001-05 20-003-05	21.40 62.76
20-703, 20-704, 20-713, 20-714	20-001-06 20-003-06	18.92 22.97
23-401, 23-402, 23-450, 23-451	20-001-07 20-003-07	27.60 27.60
20-405, 20-406, 20-407, 20-408	20-001-08 20-003-08	20.05 25.91
23-404, 23-405, 23-453, 23-454	20-001-09 20-003-09	36.25 49.20
23-651, 23-654	20-001-10 20-003-10	25.02 29.13
24-301, 24-302, 24-350, 24-351,24-450, 24-451	20-001-11 20-003-11	27.60 27.60
24-304, 24-305, 24-353, 24-354,24-453, 24-454	20-001-12 20-003-12	36.25 49.20
24-601, 24-651, 24-751, 24-851	20-001-13 20-003-13	25.02 25.91
24-602, 24-652, 24-752, 24-852	20-001-14 20-003-14	33.80 47.59

Water Gauge Repair Kits (cont'd)

KEY
20-002-XX Viton® packing

Applications	Kit Number	Price Ea.
20-101, 20-102, 20-104, 20-105, 20-150, 20-151, 20-201, 20-202, 20-204, 20-205, 20-250, 20-251, 20-304, 20-305, 20-350, 20-351, 20-405, 20-406, 20-407, 20-408, 20-410, 20-601, 20-604, 20-605, 20-703, 20-713, 20-704, 20-714, 20-804, 20-805, 21-101, 21-102, 21-104, 21-105, 21-150, 21-151, 21-204, 21-205, 21-250, 21-251, 23-651, 23-654, 25-201, 25-202, 25-204, 25-205, 25-404, 25-405, 25-501, 25-502, 25-601	20-002-01	16.38
20-207, 20-208, 20-253, 20-254, 20-307, 20-308, 20-353, 20-354, 20-602, 25-207, 25-208, 25-407, 25-408, 25-504, 25-505, 25-602	20-002-02	16.38
23-401, 23-402, 23-450, 23-451, 24-301, 24-301, 24-350, 24-351, 24-450, 24-451, 24-601, 24-651, 24-751, 24-851	20-002-03	43.82
23-404, 23-405, 23-453, 23-454, 24-304, 24-305, 24-353, 24-354, 24-453, 24-454, 24-602, 24-652, 24-752, 24-852	20-002-04	43.82

Ordering Water Gauge Glasses and Guard Rods

COPPERED GUARD RODS 3/16 O.D.

Length (In.)	Price Ea.
10	4.43
12	4.67
14	5.63
16	5.63
18	6.02
20	6.24
22	6.69
24	6.69
26	7.21
28	7.39
30	8.06
32	8.06
36	8.25
38	8.54
40	9.01
50	10.91
62	13.11
70	16.71

STAINLESS STEEL GUARD RODS

Length (In.)	Price Ea.
14	11.43
16	13.11
18	14.59
20	15.86
22	17.23
24	18.70
26	20.19
28	21.67
30	23.14
32	24.42
36	27.36
38	28.97
40	30.04
50	36.82
62	45.23
70	52.50

Tubular Gauge Glass Protector

Part No.	Size (In.)	Price Ea.
I-2733-05*	Up to 12 long, 5/8 Glass	255.14
I-2733-05L*	12 to 24 long, 5/8 Glass	509.88
I-2734-05*	Up to 16 long, 3/4 Glass	272.57
I-2734-05L*	16 to 24 long, 3/4 Glass	558.92

** Must have water gauge part # and center to center size*
Note: When gauge assemblies are furnished with glass and rod over 24" long a net adder of $18.77 will be applied to gauge assemblies. (Glass only - no adder) If furnished with 41-070-01 Pet Cock in lower arm add $13.76 to list. 70-801-01-1/4 Ball valve list adder $21.98

Gauge Glasses : Regular
(6 pc. box quantity requirement)

5/8 O.D.

Length (In.)	Price Ea.
8	10.20
10	10.20
12	10.20
14	11.14
16	11.69
18	12.85
20	16.13
24	16.13
30	21.67
36	24.34
48	33.75
60	40.83
72	95.25

3/4 O.D.

Length (In.)	Price Ea.
8	17.42
10	17.42
12	17.42
14	24.34
16	24.34
18	24.34
20	31.03
24	31.03
30	46.77
36	46.77
48	62.86
60	80.68
72	95.84

(Broken box quantity charge $16.56 net per line)

Gauge Glasses : Red Line
(6 pc. box quantity requirement)

5/8 O.D.

Length (In.)	Price Ea.
8	29.35
10	33.75
12	42.36
14	45.23
16	51.16
18	56.91
20	66.76
24	79.34
30	128.26
36	153.72
48	230.00
60	289.24
72	362.29

3/4 O.D.

Length (In.)	Price Ea.
8	34.88
10	40.83
12	51.16
14	58.46
16	66.13
18	72.06
20	86.08
24	104.45
30	169.78
36	205.10
48	277.56
60	339.24
72	432.59

(Broken box quantity charge $17.22 net per line)

Gauge Glasses : High Pressure
(6 pc. box quantity requirement)

5/8 O.D.

Length (In.)	Price Ea.
8	18.02
10	20.73
12	26.69
14	29.35
16	33.51
18	34.88
20	41.96
24	48.53
30	64.40
36	76.51
48	102.91
60	130.34
72	181.33

3/4 O.D.

Length (In.)	Price Ea.
8	18.02
10	25.51
12	28.77
14	32.77
16	36.42
18	37.55
20	45.85
24	54.98
30	73.42
36	85.29
48	117.29
60	150.28
72	177.51

(Broken box quantity charge $17.22 net per line)

26 Compression Gauge Cocks

SATIN FINISH

Part No.	Size (In.)	Wt./100	Price Ea.
26-101-01	3/8	25	23.70
26-102-01	3/8	30	24.11
26-104-01	1/2	28.3	24.11
26-105-01	1/2	30	23.22
26-301-01	3/8	39	29.14
26-302-01	3/8	40	29.14
26-304-01	1/2	30	28.23
26-305-01	1/2	44	28.80
26-307-01	3/4	49	32.16
26-308-01	3/4	51.7	33.58
26-311-01	3/8	39	28.37
26-312-01	3/8	42	28.90
26-314-01	1/2	40	28.90
26-315-01	1/2	44	31.02
26-317-01	3/4	50	34.91
26-318-01	3/4	50	35.16

POLISHED FINISH

Part No.	Size (In.)	Wt./100	Price Ea.
26-101-28	3/8	25	33.01
26-102-28	3/8	30	30.36
26-104-28	1/2	28.3	30.36
26-105-28	1/2	30	29.84
26-301-28	3/8	39	37.69
26-302-28	3/8	40	37.69
26-304-28	1/2	30	35.58
26-305-28	1/2	44	36.12
26-307-28	3/4	49	39.49
26-308-28	3/4	51.7	40.02
26-311-28	3/8	39	35.58
26-312-28	3/8	42	36.12
26-314-28	1/2	40	35.58
26-315-28	1/2	44	38.80
26-317-28	3/4	50	43.92
26-318-28	3/4	50	44.58

26 Compression Gauge Cocks (cont'd)

CHAIN OPERATED GAUGE COCKS

Part No.	Size (In.)	Wt./100	Price Ea.
26-504-01	1/2	110	125.63
26-507-01	3/4	115	116.98
26-504-02	1/2 w/6 pull chain	110	134.54
26-507-02	3/4 w/6 pull chain	115	132.14
I-2715-05	12 pull chain		46.33
I-4197-05	12 pull chain		23.31

PTFE SEAT COMPRESSION GAUGE COCKS

Part No.	Size (In.)	Wt./100	Price Ea.
26-704-01	1/2	78	90.94
26-705-01	1/2	81.5	88.95
26-707-01	3/4	88	88.95
26-708-01	3/4	105	88.95

41 Air Cocks
(box quantity 50 pcs)

SUFFIX KEY

Type	Satin Brass
Standard	-01
Nut bottom	-04

For air cocks furnished with nut bottom add $216 to each of the below prices.

TEE HANDLE ROUND SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-060	1/8	12.8	13.26
41-070	1/4	13	13.26

TEE HANDLE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-080	3/8	17	14.82
41-090	1/2	20	16.64

LEVER HANDLE ROUND SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-120	1/8	13.1	13.26
41-130	1/4	14.2	14.01

LEVER HANDLE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-140	3/8	17.0	14.19
41-150	1/2	22.9	16.74

TEE HANDLE DOUBLE MALE THREAD

Part No.	Size (In.)	Wt./100	Satin Brass
41-180	1/8	14	15.30
41-190	1/4	17.9	16.82
41-203	3/8	20	17.23
41-210	1/2	33.1	22.54

41 Air Cocks (cont'd)
(box quantity 50 pcs)

SUFFIX KEY

Type	Satin Brass
Standard	-01
Nut bottom	-04

For air cocks furnished with nut bottom add $2.16 to each of the below prices.

LEVER HANDLE DOUBLE MALE THREAD

Part No.	Size (In.)	Wt./100	Satin Brass
41-220	1/8	14	16.64
41-230	1/4	18.5	17.40
41-240	3/8	19.1	18.10
41-251	1/2	31.3	22.18

TEE HANDLE BIBB NOSE

Part No.	Size (In.)	Wt./100	Satin Brass
41-260	1/8	14.5	20.36
41-270	1/4	16.3	19.69
41-280	3/8	33.3	30.64
41-330	1/2	36	34.04

LEVER HANDLE BIBB NOSE

Part No.	Size (In.)	Wt./100	Satin Brass
41-290	1/8	16.5	19.92
41-300	1/4	15	20.12
41-310	3/8	32.1	30.64
41-320	1/2	36	34.04

TEE HANDLE DOUBLE FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-370	1/8	13	14.01
41-380	1/4	14	14.01
41-390	3/8	26	20.71
41-391	1/2	27	21.37

LEVER HANDLE DOUBLE FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-430	1/8	14.8	14.73
41-440	1/4	13	14.01
41-450	3/8	23	20.71
41-451	1/2	27	21.83

TEE HANDLE MALE & FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-400	1/8	13	14.73
41-410	1/4	14	14.73
41-420	3/8	21	21.50
41-421	1/2	26	22.54

LEVER HANDLE MALE & FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-460	1/8	15.2	14.73
41-470	1/4	15	15.28
41-480	3/8	23	20.81
41-481	1/2	27	21.50

41 Air Cocks (cont'd)
(box quantity 50 pcs)

SUFFIX KEY

Type	Satin Brass
Standard	-01
Nut bottom	-04

For air cocks furnished with nut bottom add $2.16 to each of the below prices.

TEE HANDLE MALE & FEMALE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-490	1/8	17	14.73
41-500	1/4	15	14.73
41-510	3/8	23	22.37
41-511	1/2	25	23.86

LEVER HANDLE MALE & FEMALE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-520	1/8	14	15.28
41-530	1/4	15	15.28
41-540	3/8	22.1	21.37
41-541	1/2	27	23.34

TEE HANDLE DOUBLE FEMALE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-550	1/8	17.0	16.96
41-560	1/4	14.0	14.73
41-570	3/8	25.0	23.34
41-571	1/2	28.3	25.94

LEVER HANDLE DOUBLE FEMALE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-580	1/8	15	19.30
41-590	1/4	18.2	15.70
41-600	3/8	24	22.18
41-601	1/2	28.8	24.90

TEE HANDLE STRAIGHT NOSE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-630	1/8	15.7	14.73
41-640	1/4	15	14.01

LEVER HANDLE STRAIGHT NOSE HEXAGON SHOULDER

Part No.	Size (In.)	Wt./100	Satin Brass
41-650	1/8	14	14.01
41-660	1/4	15	14.73

41 Heavy & Extra Heavy Pattern Air Cocks

SUFFIX KEY

Type	Satin Brass
Standard	-01
Nut bottom	-04

TEE HANDLE DOUBLE FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-102	1/4	28	21.83

LEVER HANDLE DOUBLE FEMALE

Part No.	Size (In.)	Wt./100	Satin Brass
41-103	1/4	27	20.71

TEE HANDLE DOUBLE FEMALE
(Nut Bottom Only)

Part No.	Size (In.)	Wt./100	Satin Brass
41-200	1/8	32	33.70
41-202	1/4	32	32.79

TEE HANDLE DOUBLE FEMALE HEXAGON SHOULDER
(Nut Bottom Only)

Part No.	Size (In.)	Wt./100	Satin Brass
41-222	1/4	38	32.25

TEE HANDLE MALE AND FEMALE
(Nut Bottom Only)

Part No.	Size (In.)	Wt./100	Satin Brass
41-250	1/4	20	27.59

42 Drain Cocks

SUFFIX KEY

Type	Satin Brass	Polished Brass
Standard	-01	-05
Nut bottom	-04	-08

TEE HANDLE MALE AND FEMALE

Part No.	Size (In.)	Opening	Wt./100	Price Ea.
42-101-01	1/8	3/16	20.4	15.60
42-102-01	1/4	1/4	15	20.77
42-103-01	3/8	3/8	35	33.07
42-104-01	1/2	3/8	38	33.56

43 Steam Gauge Cocks

Part No.	Size (In.)	Wt./100	Polished Brass	Satin Brass
43-101-01	1/4	45	32.78	30.06

44 Hose End Cocks

Part No.	Size (In.)	Wt./100	Polished Brass	Satin Brass
44-101-01	1/8	19	33.87	25.20
44-102-01	1/4	22	33.87	25.53
44-103-01	3/8	23	34.53	25.97
44-104-01	1/2	25	31.15	26.63

27 Steam Gauge Siphons

SUFFIX KEY

Type **Standard Finish**
-01

Part No.	Size (In.)	Wt./100	Price Ea.
27-401-01	1/4	44	25.59
27-402-01	1/4	40	25.59

35 Compression Bibb Faucet

Part No.	Size (In.)	Wt./100	Price Ea.
35-201-01	1/2	58.3	22.64
35-202-01	3/4	57.0	23.39

BALL VALVE BIBB FAUCET

Part No.	Size (In.)	Wt./100	Price Ea.
35-301-03	1/2	38.4	11.66
35-302-03	3/4	44.5	13.96

60 Bar Stock Needle Valves

See Ball Valve Price List BVPL9000

64 2 Piece Full Port Ball Valve

Discontinued - Please refer to 77F Series and 77FLF Series.

77C & 77CLF Apollo Bronze Full Port Ball Valves

See Ball Valve Price List BVPL9000

77F Apollo Brass Full Port Ball Valves - NPT (USA)

Part No.	Size (In.)	Box Qty	Master Carton	Price Ea.
77F-101-01	1/4	10	100	12.50
77F-102-01	3/8	10	100	12.50
77F-103-01	1/2	10	100	14.02
77F-104-01	3/4	10	80	19.18
77F-105-01	1	10	40	28.04
77F-106-01	1-1/4	6	6	46.20
77F-107-01	1-1/2	6	6	68.97
77F-108-01	2	6	6	95.76
77F-109-01	2-1/2	1	2	212.33
77F-100-01	3	1	2	320.51
77F-10A-01	4	1	1	527.22
SS Ball & Stem Option				
77F-141-01	1/4	10	100	17.50
77F-142-01	3/8	10	100	17.50
77F-143-01	1/2	10	100	19.62
77F-144-01	3/4	10	80	29.72
77F-145-01	1	10	40	43.45
77F-146-01	1-1/4	6	6	69.29
77F-147-01	1-1/2	6	6	103.44
77F-148-01	2	6	6	134.05
77F-149-01	2-1/2	1	2	286.64
77F-140-01	3	1	2	432.67
77F-14A-01	4	1	1	685.38

77F Apollo Brass Full Port Ball Valves - Solder (USA)

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
77F-203-01	1/2	10	100	14.30
77F-204-01	3/4	10	80	19.38
77F-205-01	1	10	40	28.28
77F-206-01	1-1/4	6	6	54.67
77F-207-01	1-1/2	6	6	73.82
77F-208-01	2	4	4	102.69
77F-209-01	2-1/2	1	1	234.59
77F-200-01	3	1	1	352.96
77F-20A-01	4	1	1	583.80
SS Ball & Stem Option				
77F-243-01	1/2	10	100	20.01
77F-244-01	3/4	10	80	30.03
77F-245-01	1	10	40	43.85
77F-246-01	1-1/4	6	6	82.00
77F-247-01	1-1/2	6	6	110.74
77F-248-01	2	4	4	143.77
77F-249-01	2-1/2	1	1	316.69
77F-240-01	3	1	1	476.50
77F-24A-01	4	1	1	758.96

77V APOLLOXPRESS® Brass Ball Valve (USA)

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
77V-103-01	1/2"	8	80	23.10
77V-104-01	3/4"	10	40	29.93
77V-105-01	1"	6	48	39.11
77V-106-01	1-1/4"	6	6	75.71
77V-107-01	1-1/2"	6	6	98.96
77V-108-01	2"	4	4	160.06
77V-109-01	2-1/2"	1	2	538.39
77V-100-01	3"	1	2	701.50
77V-10A-01	4"	1	1	977.21
SS Ball & Stem Option				
77V-143-01	1/2"	8	80	29.93
77V-144-01	3/4"	10	40	45.15
77V-145-01	1"	6	48	58.80
77V-146-01	1-1/4"	6	6	111.39
77V-147-01	1-1/2"	6	6	143.84
77V-148-01	2"	4	4	216.30
77V-149-01	2-1/2"	1	2	643.49
77V-140-01	3"	1	2	838.16
77V-14A-01	4"	1	1	1,168.02

77F & 77V Lever Options

NOTE 1: Grips on replacement handles do not include agency markings.
NOTE 2: Replacement handle kits 1/4" to 2-1/2" include handle & stem nut. 3" & 4" include handle only.

- 01 - REPLACEMENT LEVER HANDLE KIT for 77F and 77V

Kit Part No.	Size (In.)	Kit List Price
78249001	1/4" - 1/2"	4.10
78249101	3/4" & 1"	4.36
78249201	1-1/4"	4.61
78249301	1-1/2"	5.38
78249401	2" - 2-1/2"	5.64
W259200	3"	13.84
W259300	4"	16.40

- 04 - STEM EXTENSION for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78233201	1/4" - 1/2"	6.46	6.46
78233301	3/4" & 1"	7.80	7.80
7844301	1-1/4"	10.11	10.11
7846901	1-1/2" - 2-1/2"	12.34	12.34

- 07 - PLATED STEEL TEE HANDLE NO GRIPS for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78250801	1/4" - 1/2"	3.59	Same price as -01 (no adder)
78250901	3/4" & 1"	3.84	
78251001	1-1/4"	4.10	
78251101	1-1/2" & 2"	4.87	

- 11 - THERMA-SEAL HANDLE for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78233001	1/4" - 1/2"	12.89	19.26
78233101	3/4" & 1"	12.89	23.48
78219101	1-1/4"	12.89	37.34
78219201	1-1/2" & 2"	18.38	47.90

- 27 - SS LATCH LOCK LEVER for 77F and 77V

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78250001	1/4" - 1/2"	6.66	6.66
78250101	3/4" & 1"	8.20	8.20
78250201	1-1/4"	9.23	9.23
78250301	1-1/2" - 2-1/2"	9.74	9.74

77FLF Lead Free Apollo Brass Full Port Ball Valves - NPT (USA)

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
77FLF-101-01	1/4	10	100	16.18
77FLF-102-01	3/8	10	100	16.18
77FLF-103-01	1/2	10	100	18.14
77FLF-104-01	3/4	10	80	24.82
77FLF-105-01	1	10	40	36.29
77FLF-106-01	1-1/4	6	6	61.59
77FLF-107-01	1-1/2	6	6	91.95
77FLF-108-01	2	6	6	127.67
77FLF-109-01	2-1/2	1	2	284.67
77FLF-100-01	3	1	2	429.71
77FLF-14A-01	4	1	1	731.23
SS Ball & Stem Option				
77FLF-141-01	1/4	10	100	22.65
77FLF-142-01	3/8	10	100	22.65
77FLF-143-01	1/2	10	100	25.40
77FLF-144-01	3/4	10	80	38.48
77FLF-145-01	1	10	40	56.24
77FLF-146-01	1-1/4	6	6	92.39
77FLF-147-01	1-1/2	6	6	137.93
77FLF-148-01	2	6	6	178.74
77FLF-149-01	2-1/2	1	2	371.06
77FLF-140-01	3	1	2	560.10
77FLF-14A-01	4	1	1	731.23

77FLF Lead Free Apollo Brass Full Port Ball Valves - Solder (USA)

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
77FLF-203-01	1/2	10	100	18.50
77FLF-204-01	3/4	10	80	25.09
77FLF-205-01	1	10	40	36.61
77FLF-206-01	1-1/4	6	6	72.89
77FLF-207-01	1-1/2	6	6	98.43
77FLF-208-01	2	4	4	136.92
77FLF-209-01	2-1/2	1	1	314.52
77FLF-200-01	3	1	1	473.23
77FLF-24A-01	4	1	1	809.72
SS Ball & Stem Option				
77FLF-243-01	1/2	10	100	25.90
77FLF-244-01	3/4	10	80	38.88
77FLF-245-01	1	10	40	56.75
77FLF-246-01	1-1/4	6	6	109.33
77FLF-247-01	1-1/2	6	6	147.64
77FLF-248-01	2	4	4	191.68
77FLF-249-01	2-1/2	1	1	409.96
77FLF-240-01	3	1	1	616.82
77FLF-24A-01	4	1	1	809.72

77VLF Lead Free APOLLOXPRESS® Brass Ball Valve

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
77VLF-103-01	1/2	8	80	31.42
77VLF-104-01	3/4	10	40	41.72
77VLF-105-01	1	6	24	54.59
77VLF-106-01	1-1/4	6	6	107.12
77VLF-107-01	1-1/2	6	6	132.87
77VLF-108-01	2	4	4	214.24
77VLF-109-01	2-1/2"	1	2	602.00
77VLF-100-01	3"	1	2	784.00
77VLF-14A-01	4"	1	1	1100.00
SS Ball & Stem Option				
77VLF-143-01	1/2	8	80	40.69
77VLF-144-01	3/4	10	40	62.32
77VLF-145-01	1	6	24	81.37
77VLF-146-01	1-1/4	6	6	155.53
77VLF-147-01	1-1/2	6	6	192.61
77VLF-148-01	2	4	4	289.43
77VLF-149-01	2-1/2"	1	2	720.00
77VLF-140-01	3"	1	2	940.00
77VLF-14A-01	4"	1	1	1100.00

77FLF & 77VLF Lever Options

NOTE 1: Grips on replacement handles do not include agency markings.
NOTE 2: Replacement handle kits 1/4" to 2-1/2" include handle & stem nut. 3" & 4" include handle only.

- 01 - REPLACEMENT LEVER HANDLE KIT for 77FLF and 77VLF

Kit Part No.	Size (In.)	Kit List Price
78249501	1/4" - 1/2"	4.10
78249601	3/4" & 1"	4.36
78249701	1-1/4"	4.61
78249801	1-1/2"	5.38
78249901	2" - 2-1/2"	5.64
W259500	3"	13.84
W259600	4"	16.40

- 04 - STEM EXTENSION for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78233201	1/4" - 1/2"	6.46	6.46
78233301	3/4" & 1"	7.80	7.80
7844301	1-1/4"	10.11	10.11
7846901	1-1/2" - 2-1/2"	12.34	12.34

- 07 - PLATED STEEL TEE HANDLE NO GRIPS for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78250801	1/4" - 1/2"	3.59	Same price as -01 (no adder)
78250901	3/4" & 1"	3.84	
78251001	1-1/4"	4.10	
78251101	1-1/2" & 2"	4.87	

- 11 - THERMA-SEAL HANDLE for 77F, 77FLF and 77V, 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78233001	1/4" - 1/2"	$12.51	19.26
78233101	3/4" & 1"	$12.51	23.48
78219101	1-1/4"	$12.51	37.34
78219201	1-1/2" & 2"	$17.84	47.90

- 27 - SS LATCH LOCK LEVER for 77FLF and 77VLF

Kit Part No.	Size (In.)	Kit List Price	Installed List Adder
78250401	1/4" - 1/2"	6.66	6.66
78250501	3/4" & 1"	8.20	8.20
78250601	1-1/4"	9.23	9.23
78250701	1-1/2" -2-1/2"	9.74	9.74

77W APOLLOXPRESS® Bronze Full Port Press Ball Valves

Part No.	Size (In.)	Wt./100	Price Ea.	Pieces/Box
77W-103-01	1/2	.61	28.24	8
77W-104-01	3/4	1.09	38.23	10
77W-105-01	1	1.77	50.55	5
77W-106-01	1-1/4	4.27	100.43	6
77W-107-01	1-1/2	4.63	123.04	6
77W-108-01	2	8.21	202.82	4
SS Ball & Stem Option				
77W-143-01	1/2	.61	36.70	8
77W-144-01	3/4	1.09	57.35	10
77W-145-01	1	1.77	75.80	5
77W-146-01	1-1/4	4.27	145.62	6
77W-147-01	1-1/2	4.63	178.42	6
77W-148-01	2	8.21	263.66	4

77WLF Lead Free APOLLOXPRESS® Bronze Full Port Ball Valves

Part No.	Size (In.)	Wt./100	Price Ea.	Pieces/Box
77WLF-103-01	1/2	.61	35.78	10
77WLF-104-01	3/4	1.09	47.71	10
77WLF-105-01	1	1.77	68.31	5
77WLF-106-01	1-1/4	4.27	124.68	6
77WLF-107-01	1-1/2	4.63	151.79	6
77WLF-108-01	2	8.21	249.37	5
SS Ball & Stem Option				
77WLF-143-01	1/2	.61	47.71	8
77WLF-144-01	3/4	1.09	71.55	10
77WLF-145-01	1	1.77	94.33	5
77WLF-146-01	1-1/4	4.27	175.65	6
77WLF-147-01	1-1/2	4.63	215.75	6
77WLF-148-01	2	8.21	319.85	4

77W-HC APOLLOXPRESS® x Hose Cap & Chain Bronze Full Port Ball Valves

Part No.	Size (In.)	Wt./100	Price Ea.	Pieces/Box
77W-103-HC	1/2	.61	40.42	10
77W-104-HC	3/4	1.16	56.10	10

77WLF - HC Lead Free Bronze Press Valves: Hose Thread

Part No.	Size (In.)	Wt./100	Price Ea.	Pieces/Box
77WLF-103-HC	1/2	.61	50.95	10
77WLF-104-HC	3/4	1.06	69.39	10

94A Brass Ball Valves-Full Port CSA/UL Listed

Box Quantities Required. Apollo International™

THREADED

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
94A-101-01	1/4	20	100	15.90
94A-102-01	3/8	20	100	15.90
94A-103-01	1/2	50	100	15.90
94A-104-01	3/4	30	60	23.83
94A-105-01	1	20	40	35.70
94A-106-01	1-1/4	12	24	58.03
94A-107-01	1-1/2	9	18	75.65
94A-108-01	2	6	12	104.92
94A-109-01	2-1/2	2	4	357.20
94A-100-01	3	2	4	506.02
94A-10A-01	4	2	2	854.25

Box Quantities Required. Apollo International™

SWEAT

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
94A-203-01	1/2	50	100	15.90
94A-204-01	3/4	30	60	23.83
94A-205-01	1	20	40	35.70
94A-206-01	1-1/4	12	24	58.03
94A-207-01	1-1/2	9	18	75.65
94A-208-01	2	6	12	104.92
94A-209-01	2-1/2	2	4	357.20
94A-200-01	3	2	4	506.02
94A-20A-01	4	2	2	854.25

OPTIONAL 2-1/4" Stem Extension Kits + Memory Stop (94A and 94ALF-A)

Part No.	Size (In.)	Price Ea.
78-2171-01	1/4, 3/8	12.09
78-2172-01	1/2	13.02
78-2173-01	3/4	13.64
78-2174-01	1	14.88
78-2175-01	1-1/4	16.12
78-2176-01	1-1/2, 2	21.07
78-2177-01	2-1/2, 3	34.72

Replacement Lever Handle (94A)

Part No.	Size (In.)	Price Ea.
W-9324-00	1/4, 3/8	1.67
W-9325-00	1/2	1.67
W-9360-00	3/4	2.33
W-9326-00	1	2.66
W-9327-00	1-1/4	2.79
W-9328-00	1-1/2, 2	5.30
W-9329-00	2-1/2, 3	13.27
W-9330-00	4	15.91

94ALF-A Lead Free Brass Ball Valves Full Port

Box Quantities Required. Apollo International™

THREADED

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
94ALF-101-01A	1/4	20	120	20.63
94ALF-102-01A	3/8	20	120	20.63
94ALF-103-01A	1/2	50	100	20.63
94ALF-104-01A	3/4	30	64	30.89
94ALF-105-01A	1	20	30	46.28
94ALF-106-01A	1-1/4	12	24	75.24
94ALF-107-01A	1-1/2	9	16	98.07
94ALF-108-01A	2	6	8	135.99
94ALF-109-01A	2-1/2	2	4	463.00
94ALF-100-01A	3	2	4	655.92
94ALF-10A-01A	4	2	2	1,107.32

Box Quantities Required. Apollo International™

SWEAT

Part No.	Size (In.)	Box Qty.	Master Carton	Price Ea.
94ALF-203-01A	1/2	50	100	20.63
94ALF-204-01A	3/4	30	60	30.89
94ALF-205-01A	1	20	40	46.28
94ALF-206-01A	1-1/4	12	24	75.24
94ALF-207-01A	1-1/2	9	18	98.07
94ALF-208-01A	2	6	12	135.99
94ALF-209-01A	2-1/2	2	4	463.00
94ALF-200-01A	3	2	4	655.92
94ALF-20A-01A	4	2	2	1107.32

OPTIONAL 2-1/4" Stem Extension Kits + Memory Stop (94A and 94ALF-A)

Part No.	Size (In.)	Price Ea.
78-2171-01	1/4, 3/8	12.09
78-2172-01	1/2	13.02
78-2173-01	3/4	13.64
78-2174-01	1	14.88
78-2175-01	1-1/4	16.12
78-2176-01	1-1/2, 2	21.07
78-2177-01	2-1/2, 3	34.72
78-2178-01	4	Consult Factory

Replacement Lever Handle (94ALF-A)

Part No.	Size (In.)	Price Ea.
W234700	1/4, 3/8	1.66
W234800	1/2	1.66
W234900	3/4	2.31
W235000	1	2.64
W235100	1-1/4	2.78
W235200	1-1/2	5.28
W283000	2	5.28
W235300	2-1/2, 3	13.20
W273800	4	15.84

94MBV Mini Ball Valves

Box Quantities Required. Apollo International™

Part No.	Size (In.)	Box Qty.	Wt./Per Box	Price Ea.
94-MBV-01	1/4 FNPt x 1/8 MNPT	10	2lbs	9.88
94-MBV-02	1/4 FNPt x 1/4 MNPT	10	2lbs	9.88
94-MBV-03	1/4 FNPt x 1/4 FNPT	10	2lbs	9.47
94-MBV-04	1/8 FNPt x 1/8 MNPT	10	2lbs	9.88
94-MBV-05	1/8 FNPt x 1/8 FNPT	10	2lbs	9.47

master cartons consist of 100 pieces.

95ALF Full Port Lead Free Ball Valves w/Stop & Waste

THREADED

Part No.	Size (In.)	Wt./Ea.	Price Ea.
95ALF-103-01	1/2	.55	12.40
95ALF-104-01	3/4	.55	18.95
95ALF-105-01	1	1.06	26.65

SOLDER

Part No.	Size (In.)	Wt./Ea.	Price Ea.
95ALF-203-01	1/2	.44	11.95
95ALF-204-01	3/4	.76	17.30
95ALF-205-01	1	.98	27.75

6PLF Lead Free Cast Iron Class 125 Flanged Ball Valve

Apollo International™

Part No.	Size (In.)	Wt./Ea.	Price Ea.
6PLF-208-01	2	11.10	453.11
6PLF-209-01	2 1/2	17.50	557.68
6PLF-200-01	3	22.00	627.36
6PLF-20A-01	4	33.90	853.98
6PLF-20C-01	6	58.25	2,091.33
6PLF-20E-01*	8	91.65	3,311.22
6PLF-20G-01*	10	128.50	6,099.65

** Gear operator standard*

REPLACEMENT HANDLE KIT

Part No.		Price Ea.
78257201	KIT,HANDLE,2" IBVLF-125	18.00
78257301	KIT,HANDLE,2-1/2"-3" IBVLF-125	30.00
78257401	KIT,HANDLE,4" IBVLF-125	35.00
78257501	KIT,HANDLE,6" IBVLF-125	45.00

6PLF Lead Free Cast Iron Class 125 Flanged Ball Valve (cont'd)

SOFT GOODS REPAIR KIT

Part No.		Price Ea.
6PLF02801	KIT,SERVICE,IBVLF-125-2"	30.00
6PLF02901	KIT,SERVICE,IBVLF-125-2-1/2"	35.00
6PLF02001	KIT,SERVICE,IBVLF-125-3"	40.00
6PLF02A01	KIT,SERVICE,IBVLF-125-4"	60.00
6PLF02C01	KIT,SERVICE,IBVLF-125-6"	75.00
6PLF02E01	KIT,SERVICE,IBVLF-125-8"	100.00
6PLF02G01	KIT,SERVICE,IBVLF-125-10"	150.00

ACTUATION MOUTING KIT

Part No.		Price Ea.
78253001	KIT,MTG,6PLF208 TO A0150 (2")	266.00
78253101	KIT,MTG,6PLF209 TO A0150 (2-1/2")	276.00
78253201	KIT,MTG,6PLF200 TO A0200 (3")	276.00
78253301	KIT,MTG,6PLF20A TO A0350/0600 (4")	276.00
78253401	KIT,MTG,6PLF20C TO A0950 (6")	468.00
78253501	KIT,MTG,6PLF20E/20G TO A1600/A2500 (8" - 10")	468.00

Mounting kits can be used to mount Apollo 6PLF valves to Apollo actuators with compatible ISO 5211 bolt circles, imperial threads and appropriate coupling (included).

10 Section IV ASME Hot Water Boiler Relief Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
10-102-05	3/4 F	1 F	105	63.28
10-104-05	3/4 M	1 F	118	63.86
10-301-05	3/4 M	3/4 F	114	61.70
10-303-05	3/4 F	3/4 F	115	61.37
10-321-70**	3/4 M	3-3/4 F	123	122.00
10-407-05*	3/4 M	3/4 F	62	24.67
10-408-05*	3/4 F	3/4 F	65	25.93

Note: Above valves certified 20-60 psig. Standard pressure set at 30 psig. For special settings from 20 psig through 60 psig add $10.61 to the above list price. Satin chrome add $12.18 each and polished chrome $25.43 each for 3/4 and 1 valves only. All other sizes P.O.A.
** Available in 30 psig only.*
*** 10-321 polished chrome only, adder does not apply.*

10 Section IV ASME Hot Water Boiler Relief Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
10-417-05	3/4 M	3/4 F	62	24.67
10-418-05	3/4 F	3/4 F	65	25.93

10-600 SERIES : ASME RELIEF VALVES FOR HOT WATER HEATING BOILERS

Standard Outlet

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
10-604-05	3/4F	3/4F	232	116.50
10-605-05	1F	1F	410	198.82
10-606-05	1-1/4F	1-1/4F	795	334.72
10-607-05	1-1/2F	1-1/2F	1185	460.77
10-608-05	2F	2F	2375	691.24
10-624-30	3/4M	3/4F	106	96.98
10-634-30	3/4F	3/4F	106	96.98

Expanded Outlet

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
10-614-05	3/4F	1F	226	134.68
10-615-05	1F	1-1/4F	390	220.13
10-616-05	1-1/4F	1-1/2F	755	358.24
10-617-05	1-1/2F	2F	1145	509.51
10-618-05	2F	2-1/2F	2315	746.02

Note: 10-600 Series set @ 30 psig. For special settings from 15 psig through 160 psig add 10% to each of the above list prices.
For model 10-624 and 10-634 30 psig specify -30 suffix; 125 psig specify -125 suffix.

10 Section VIII ASME Safety Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Trim	Wt./100	Price Ea.
10-512-B30*	1/2M	1/2F	Brass	58	67.33

Above valve set at 30 psig. For special settings from 20 psig through 60 psig, add $11.12 to the above list prices.
** Satin chrome (S) add $12.74 each and polished chrome (P) $26.67 each. 5% adder for Viton seat.*

10 Section VIII ASME Steam Safety Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Trim	Wt./100	Price Ea.
10-322-P30**	3/4M	3/4F	Brass	128	141.98
10-512-B30S	1/2M	1/2F	Stainless	58	175.71

Above valves set at 30 psig. For special settings from 20 psig through 60 psig, add $10.61 to the above list prices.
** Satin chrome add $12.18 each and polished chrome $25.43 each for 1/2" valves only.*
*** 10-322 polished chrome only, adder does not apply.*

12 Low Pressure Steam Heating Boiler Safety Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
12-205-08	2 M	2 F	514	332.18
12-206-08	2-1/2 M	2-1/2 F	835	491.59
12-208-08	3 M	3 F	1162	633.04

13 Low Pressure Steam Heating Boiler Safety Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
13-101-B15	3/4M	Top	64	54.44
13-211-B15	3/4M	3/4F	107	64.27
13-202-B15	1M	1F	110	67.01
13-213-B15	1-1/4M	1-1/2F	218	113.57
13-214-B15	1-1/2M	2F	320	152.45
13-511-B15	3/4M	3/4F	62	35.17
13-512-B15	3/4F	3/4F	62	35.17

Note: 12-200 and 13 Series: For pressures other than 10 psig or 15 psig, add $11.85 each to the list price. Satin chrome add $13.46 each and polished chrome add $28.60 each for 3/4 and 1 valve only. All other sizes POA.

14 High Capacity Steam Heating Boiler Safety Valves

Part No.	Inlet Size (In.) NPT	Outlet Size (In.) NPT	Wt./100	Price Ea.
14-205-08*	2M	2F	840	386.77
14-206-08*	2-1/2M	2-1/2F	1300	745.61
14-207-08*	3M	3F	1700	883.58

Note: 14-200 Series: For pressures other than 10 psig or 15 psig, add $11.49 each to the list price.
**Available with Gag Option (-G) add $34.21 list each.*

14 Low Pressure Air & Vacuum Relief Valves

14-400 AIR RELIEF, WITH LEVER

Part No.	Size (In.)	Wt./100	Price Ea.
14-405	2 x 2	8.4	397.96
14-406	2-1/2 x 2-1/2	13	663.28
14-407	3 x 3	17	814.87

14-500 AIR RELIEF, PLAIN (SEALED) CAP

Part No.	Size (In.)	Wt./100	Price Ea.
14-505	2 x 2	8.4	409.34
14-506	2-1/2 x 2-1/2	13	682.23
14-507	3 x 3	17	843.32

14-600 VACUUM RELIEF

Part No.	Size (In.)	Wt./100	Price Ea.
14-605	2 x 2	8.4	426.40
14-606	2-1/2 x 2-1/2	13	701.15
14-607	3 x 3	17	871.73

15 Section VIII ASME : Air Relief Valves

Part No.	Size (In.)	Wt./100	Price Ea.
15-112	1/4 NPT	18.5	44.14
15-115	3/8 NPT	42.2	93.24
15-117	1/2 NPT	45.3	94.39
15-118	3/4 NPT	49.0	107.90
15-119	1 NPT	126.0	125.02

16 Liquid Relief Valves

Part No.	Size (In.)	Wt./100	Price Ea.
16-202	1/2M x 1/2F	33	21.31
16-203	3/4M x 1/2F	37.5	24.26

16-501 SERIES : BY-PASS RELIEF VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
16-501-01	1/2M x 1/2F	61	47.92
16-501-02	1/2M x 1/2F	61	47.92
16-501-25	1/2M x 1/2F	61	47.92
16-501-60	1/2M x 1/2F	61	47.92

16-ARV SERIES : CALIBRATED LIQUID RELIEF VALVES

Part No.	Size (In.)	Wt./100	Price Ea.
16-503-01	1/2M x 1/2F	37	37.44
16-504-01	3/4M x 1/2F	38	40.58

17 Pressure Only Relief Valves For Tankless Coils & Storage Tanks

Part No.	Size (In.)	Wt./100	Price Ea.
17-401	1/2M x 1/2F	57	38.34
17-402*	3/4M x 3/4F	53	38.34

**ASME Certified*

18 Temperature and Pressure Relief Valves

Part No.	Connection & Element Length (In.)	Wt./100	Price Ea.
18C-401	1/2 M x 1/2 F x 1"	64	28.36
18C-401	1/2 M x 1/2 F x 3"	64	28.36
18C-402	3/4 M x 3/4 F x 1"	64.4	28.36
18C-402	3/4 M x 3/4 F x 3"	64.4	28.36
18C-402	3/4 M x 3/4 F x 8"	64.4	28.36

EXTENDED SHANK WATER HEATER RELIEF VALVES

Part No.	Connection & Element Length (In.)	Wt./100	Price Ea.
18C-402X	3/4 M x 3/4 F x 3"	67	43.34

All T & P relief valves are standardly furnished with a thermo-bonded protective coating on the thermostat. Standard pressure settings are 125 and 150 psi.

18 Bronze Commercial T&P Valves

Part No.	Description	Wt./100	Price Ea.
18C-511-3-125	3/4" M,125 PSI,3"ELE	107	159.83
18C-511-3-150	3/4" M,150 PSI,3"ELE	107	159.83
18C-511-5-125	3/4" M,125 PSI,5"ELE	107	166.49
18C-511-5-150	3/4" M,150 PSI,5"ELE	107	166.49
18C-511-8-125	3/4" M,125 PSI,8"ELE	107	173.18
18C-511-8-150	3/4" M,150 PSI,8"ELE	107	173.18
18C-512-3-125	3/4" F,125 PSI,3"ELE	287	164.28
18C-512-3-150	3/4" F,150 PSI,3"ELE	287	164.28
18C-512-5-125	3/4" F,125 PSI,5"ELE	284	173.18
18C-512-5-150	3/4" F,150 PSI,5" ELE	284	173.18
18C-512-8-125	3/4" F,125 PSI,8"ELE	337	182.05
18C-512-8-150	3/4" F,150 PSI,8"ELE	337	182.05
18C-521-3-125	1" M,125 PSI,3"ELE	322	276.14
18C-521-3-150	1" M,150 PSI,3"ELE	322	276.14
18C-521-5-125	1" M,125 PSI,5"ELE	820	288.63
18C-521-5-150	1" M,150 PSI,5"ELE	820	288.63
18C-522-5-125	1" F,125 PSI,5"ELE	842	310.80
18C-522-5-150	1" F,150 PSI,5"ELE	842	310.80
18C-522-8-125	1" F,125 PSI,8"ELE	860	321.90
18C-522-8-150	1" F,150 PSI,8"ELE	860	321.90
18C-531-4-125	1-1/4" M,125 PSI,4"ELE	874	377.38
18C-531-4-150	1-1/4" M,150 PSI,4"ELE	874	377.38
18C-542-4-125	1-1/2" F,125 PSI,4"ELE	874	865.78
18C-542-4-150	1-1/2" F,150 PSI,4"ELE	874	865.78
18C-551-3-125	2" M,125 PSI,3"ELE	874	943.50
18C-551-3-150	2" M,150 PSI,3"ELE	874	943.50

Special statement regarding T&P Valves and compliance to the Lead Free requirements of the U.S. Safe Drinking Water Act.

Effective January 4th 2014 the SDWA requires that pipes, fittings or fixtures used to convey or dispense potable water must be lead free. Further clarification has been provided by the EPA in a document titled "Summary of the Reduction of Lead In Drinking Water Act and frequently Asked Questions". The latest document can be viewed on our website: www.apollovalves.com/lead_free; click on the NEW EPA FAQ link.

FAQ #6 states that water heaters are covered by the Act and must comply. However most water heater OEM's are certifying their heaters as complete assemblies using non-Lead Free T&P valves due to their relatively small wetted surface area.

FAQ #23 acknowledges this and states that replacement parts (including T&P valves) need not be lead free as long as the entire water heater with all installed components overall device would meet the Lead Free requirements of the Act.

19 Section I/VIII ASME Safety Valves

STANDARD BRONZE BODY WITH BRASS TRIM, TEFLON® SEATING†

Part No.	Size (In.) Inlet x Outlet	Trim	Wt./100	Price Ea.
19K DC X	1/2 X 3/4	Brass	150	237.31
19K DD X	3/4 X 3/4	Brass	150	240.94
19K ED X	3/4 X 1	Brass	190	265.04
19K EE X	1 X 1	Brass	208	284.48
19K FE X	1 X 1-1/4	Brass	390	315.22
19K FF X	1-1/4 X 1-1/4	Brass	405	365.97
19K GF X	1-1/4 X 1-1/2	Brass	703	362.23
19K GG X	1-1/2 X 1-1/2	Brass	698	411.04
19K HG X	1-1/2 X 2	Brass	1120	450.08
19K HH X	2 X 2	Brass	1133	640.41
19K JG X	1-1/2F X 2-1/2	Brass	1920	725.96
19K JH X	2 X 2-1/2	Brass	1920	699.54
19K JJ X	2-1/2 X 2-1/2	Brass	1980	838.61

†Specify 19M for metal to metal seating option, no extra cost.

See page 56 for list price adders for 19 Series options.

19 Section I/VIII ASME Safety Valves (cont'd)

BRONZE BODY WITH OPTIONAL STAINLESS STEEL TRIM, METAL SEATING

Part No.	Size (In.) Inlet x Outlet	Trim	Wt./100	Price Ea.
19S DC X	1/2 X 3/4	Stainless	150	485.22
19S DD X	3/4 X 3/4	Stainless	150	524.38
19S ED X	3/4 X 1	Stainless	190	541.41
19S EE X	1 X 1	Stainless	208	595.02
19S FE X	1 X 1-1/4	Stainless	390	644.82
19S FF X	1-1/4 X 1-1/4	Stainless	405	710.31
19S GF X	1-1/4 X 1-1/2	Stainless	703	780.96
19S GG X	1-1/2 X 1-1/2	Stainless	698	873.95
19S HG X	1-1/2 X 2	Stainless	1120	1,004.10
19S HH X	2 X 2	Stainless	1133	1,171.43
19S JH X	2 X 2-1/2	Stainless	1920	1,320.20
19S JJ X	2-1/2 X 2-1/2	Stainless	1980	1,580.50

†Specify 19L stainless steel/Teflon® soft seat option, no extra cost.

See page 56 for list price adders for 19 Series options.

29 Section I/VIII ASME Safety Valves

Part No.	Size (In.) Inlet x Outlet	Trim	Wt./100	Price Ea.
29-102	3/8 X 1	Brass	130	237.74
29-202	1/2 X 1	Brass	133	238.18
29-202-S	1/2 X 1	Stainless	133	316.43
29-302	3/4 X 1	Brass	190	237.74
29-303	3/4 X 1-1/4	Brass	343	288.29
29-303-S	3/4 X 1-1/4	Stainless	343	371.40
29-402	1 X 1-1/4	Brass	343	283.37
29-501	1-1/4 X 1-1/4	Brass	348	260.07

See page 56 for list price adders for 29 Series options.

510 Section VIII ASME Multi-Purpose Safety Relief Valves

BRONZE BODY/BRASS TRIM

Part No.	Orifice	Size (In.)	Price Ea.
511 DCD	D	1/2M X 3/4F	246.79
511 DDD	D	3/4M X 3/4F	254.99
511 DCB	D	1/2M X 1F	246.79
511 DDB	D	3/4M X 1F	254.99
511 ED	E	3/4M X 1-1/4F	276.39
511 EE	E	1M X 1-1/4F	287.93
511 FE	F	1M X 1-1/2F	329.04
511 FF	F	1-1/4M X 1-1/2F	345.48
511 GF	G	1-1/4M X 2F	403.07
511 GG	G	1-1/2M X 2F	427.75
511 HG	H	1-1/2M X 2-1/2F	740.34
511 HH	H	2M X 2-1/2F	773.24
511 JH	J	2M X 3F	929.54

**NOTE: List prices above reflect standard construction: screwed cap and metal seats. See pages 55-56 for list price adders for 500 Series options including soft seating, lift levers, test gags, etc.*

520 Section VIII ASME Multi-Purpose Safety Relief Valves

BRONZE BODY/BRASS TRIM

Part No.	Orifice	Size (In.)	Price Ea.
521 DCD	D	1/2M X 3/4F	411.29
521 DDD	D	3/4M X 3/4F	419.54
521 DCB	D	1/2M X 1F	411.29
521 DDB	D	3/4M X 1F	419.54
521 ED	E	3/4M X 1-1/4F	592.27
521 EE	E	1M X 1-1/4F	616.95
521 FE	F	1M X 1-1/2F	715.68
521 FF	F	1-1/4M X 1-1/2F	740.34
521 GF	G	1-1/4M X 2F	1,020.03
521 GG	G	1-1/2M X 2F	1,044.69
521 HG	H	1-1/2M X 2-1/2F	1,431.32
521 HH	H	2M X 2-1/2F	1,464.24
521 JH	J	2M X 3F	1,941.32

**NOTE: List prices above reflect standard construction: screwed cap and metal seats. See pages 55-56 for list price adders for 500 Series options including soft seating, lift levers,test gags, etc.*

530 Section VIII ASME Multi-Purpose Safety Relief Valves

CARBON STEEL BODY/STAINLESS TRIM

Part No.	Orifice	Size (In.)	Price Ea.
531 DC	D	1/2M X 1F	971.45
531 DD	D	3/4M X 1F	987.13
531 ED	E	3/4M X 1-1/4F	1,049.80
531 EE	E	1M X 1-1/4F	1,073.31
531 FE	F	1M X 1-1/2F	1,112.47
531 FF	F	1-1/4M X 1-1/2F	1,135.96
531 GF	G	1-1/4M X 2F	1,700.03
531 GG	G	1-1/2M X 2F	1,723.55
531 HG	H	1-1/2M X 2-1/2F	2,162.26
531 HH	H	2M X 2-1/2F	2,193.61
531 JH	J	2M X 3F	3,110.19

**NOTE: List prices above reflect standard construction: screwed cap and metal seats. See pages 55-56 for list price adders for 500 Series options including soft seating, lift levers,test gags, etc.*

540 Section VIII ASME Multi-Purpose Safety Relief Valves

STAINLESS STEEL BODY/STAINLESS TRIM

Part No.	Orifice	Size (In.)	Price Ea.
541 DC	D	1/2M X 1F	1,535.52
541 DD	D	3/4M X 1F	1,551.19
541 ED	E	3/4M X 1-1/4F	1,660.88
541 EE	E	1M X 1-1/4F	1,684.37
541 FE	F	1M X 1-1/2F	1,770.55
541 FF	F	1-1/4M X 1-1/2F	1,794.05
541 GF	G	1-1/4M X 2F	2,741.99
541 GG	G	1-1/2M X 2F	2,765.51
541 HG	H	1-1/2M X 2-1/2F	3,478.44
541 HH	H	2M X 2-1/2F	3,509.76
541 JH	J	2M X 3F	4,778.92

**NOTE: List prices above reflect standard construction: screwed cap and metal seats. See pages 55-56 for list price adders for 500 Series options including soft seating, lift levers,test gags, etc.*

500 Lift Lever Option

LIST ADDER, 510 & 520 SERIES-PACKED LEVER OPTION

Orifice	Price Ea.
D	123.40
E	123.40
F	131.61
G, H, J	148.07

REQUIRED BY ASME SECTION VIil FOR AIR, STEAM, AND HOT WATER OVER 140°F

LIST ADDER, 530 SERIES-PACKED LEVER OPTION

Orifice	Price Ea.
D	188.03
E	188.03
F	235.03
G, H, J	329.04

LIST ADDER, 540 SERIES-PACKED LEVER OPTION

Orifice	Price Ea.
D	235.03
E	235.03
F	266.37
G, H, J	360.39

REQUIRED BY ASME SECTION VIII FOR AIR, STEAM, AND HOT WATER OVER 140°F

500 Special Options

LIST ADDER, TEST GAG OPTION, ALL MODELS

Orifice	Price Ea.
D	148.07
E	148.07
F	164.53
G	164.53
H	180.99
J	180.99

LIST ADDER, HIGH TEMPERATURE INCONEL SPRING OPTION (APPLICABLE TO MODELS 530 & 540 ONLY, FOR SERVICE TEMPS. ABOVE 550°F/288°C

Orifice	Price Ea.
D	70.49
E	101.86
F	141.03
G	219.36
H	352.53
J	446.55

500 O-ring or PCTFE Soft Seat Option

LIST ADDER, ALL MODELS

Orifice	Price Ea.
D	49.35
E	57.58
F	82.26
G	115.16
H	148.07
J	164.53

** Kalrez option - Contact factory for price and availability.*

119 Cast Iron Steam Safety Valves

Part No.	Description	Wt./100	Price Ea.
119 JGC	1-1/2 FLG x J x 2-1/2	35	1,623.68
119 KHA	2 FPT x K x 3	36	1,865.49
119 KHC	2 FLG x K x 3	37	1,865.49
119 KJC	2-1/2 FLG x K x 3	41	2,081.40
119 KKC	3 FLG x K x 3	45	2,123.57
119 LJA	2-1/2 FPT x L x 4	84	2,504.60
119 LJC	2-1/2 FLG x L x 4	81	2,504.60
119 LKC	3 FLG x L x 4	85	2,720.49
119 LMC	4 FLG x L x 4	90	2,868.27
119 MKA	3 FPT x M x 4	80	3,178.25
119 MKC	3 FLG x M x 4	87	3,178.25
119 MMC	4 FLG x M x 4	95	3,429.29
119 NMD	4 FLG x N x 6	210	5,356.30
119 PMD	4 FLG x P x 6	215	7,008.88
119 QPD	6 FLG x Q x 8	530	10,837.16
119 RPD	6 FLG x R x 8	530	14,781.72

NOTE: Special discounting applies for the 119 Series, contact your Conbraco representative.

DPE Drip Pan Elbows

Apollo International™

Part No.	Size (In.)	Connection	Wt./100	Price Ea.
DPE 07	3/4	NPT	2	79.63
DPE 10	1	NPT	2	79.63
DPE 12	1-1/4	NPT	5	99.53
DPE 15	1-1/2	NPT	5	99.53
DPE 20	2	NPT	7	112.81
DPE 25	2-1/2	NPT	11	139.35
DPE 30	3	NPT	17	185.79
DPE 40	4	NPT	30	278.71
DPE 60	6	ANSI 125#	84	564.02
DPE 80	8	ANSI 125#	151	1,367.58

NOTE: Select drip pan size to match safety valve outlet connection.

Relief Valve Special Options

PERFORMANCE (CALIBRATION) TEST REPORTS (CERTRV2)*

-Q suffix (example 19KDCA40Q, 10512B35Q)

	List Adder
	26.79

**Note: must be requested at time of order. Cannot be supplied after valves have shipped.*

DUAL CE/ASME NAMEPLATE STAMPING AND PED DECLARATION OF CONFORMITY (CERTRV5)

-CE suffix (example 19KDCA40CE, 10512B35CE)

	List Adder
19, 29, 119, 500 Series	13.15
10-512, 10-322, 15 Series	10.72

Combination of CERTRV2 and CERTRV5 would be suffix - CEQ and combine list adder pricing.

OXYGEN CLEANED - (19, 29, 500 SERIES)

-X/OX suffix (example 19KDCK150X, 521DCBKKOX0150)

	List Adder
	107.13*

**Volume discounts apply. Please contact the factory for details.*

ANTI-VIBRATION TRIM - (19 SERIES)

-A suffix (example 19KDCK150A)

	List Adder
D, E, F orifice	18.42
G, H, J orifice	36.84

59 Y Strainers : Bronze

FNPT THREADED (SOLID CAP)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-000-01	1/8	50 Mesh SS	44.5	35.35
59-001-01	1/4	50 Mesh SS	42.5	35.35
59-002-01	3/8	50 Mesh SS	78.6	35.35
59-003-01	1/2	50 Mesh SS	75.1	35.35
59-004-01	3/4	20 Mesh SS	174	67.39
59-005-01	1	20 Mesh SS	275.8	88.82
59-006-01	1-1/4	20 Mesh SS	358	160.35
59-007-01	1-1/2	20 Mesh SS	541	177.56
59-008-01	2	20 Mesh SS	747.4	291.38
59-009-01	2-1/2	20 Mesh SS	1300	576.70
59-010-01	3	20 Mesh SS	1800	665.48
59-011-01	4	Perforation SS	3000	1,967.48

FNPT THREADED (BLOW OUT CAP)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-000-02	1/8	50 Mesh SS	44.5	36.73
59-001-02	1/4	50 Mesh SS	42.5	36.73
59-002-02	3/8	50 Mesh SS	78.6	36.73
59-003-02	1/2	50 Mesh SS	75.1	36.73
59-004-02	3/4	20 Mesh SS	174	70.49
59-005-02	1	20 Mesh SS	275.8	95.22
59-006-02	1-1/4	20 Mesh SS	358	165.49
59-007-02	1-1/2	20 Mesh SS	541	181.35
59-008-02	2	20 Mesh SS	747.4	297.30
59-009-02	2-1/2	20 Mesh SS	1300	590.30
59-010-02	3	20 Mesh SS	1800	679.06
59-011-02	4	Perforation SS	3000	2,003.19

FNPT THREADED (BLOW OUT CAP W/PLUG)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-000-P2	1/8	50 Mesh SS	44.5	39.18
59-001-P2	1/4	50 Mesh SS	42.5	39.18
59-002-P2	3/8	50 Mesh SS	78.6	39.18
59-003-P2	1/2	50 Mesh SS	75.1	39.18
59-004-P2	3/4	20 Mesh SS	174	79.15
59-005-P2	1	20 Mesh SS	275.8	107.24
59-006-P2	1-1/4	20 Mesh SS	358	177.49
59-007-P2	1-1/2	20 Mesh SS	541	202.99
59-008-P2	2	20 Mesh SS	747.4	324.32
59-009-P2	2-1/2	20 Mesh SS	1300	617.35
59-010-P2	3	20 Mesh SS	1800	720.01
59-011-P2	4	Perforation SS	3000	2,044.13

SWEAT END (SOLID CAP)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-303-01	1/2	50 Mesh SS	50	35.35
59-304-01	3/4	20 Mesh SS	121	67.39
59-305-01	1	20 Mesh SS	189	88.82
59-306-01	1-1/4	20 Mesh SS	280	160.35
59-307-01	1-1/2	20 Mesh SS	426	177.56
59-308-01	2	20 Mesh SS	627	291.38

59 Y Strainers : Bronze (cont'd)

SWEAT END (BLOW OUT CAP)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-303-02	1/2	50 Mesh SS	50	36.73
59-304-02	3/4	20 Mesh SS	121	70.49
59-305-02	1	20 Mesh SS	189	95.22
59-306-02	1-1/4	20 Mesh SS	280	165.49
59-307-02	1-1/2	20 Mesh SS	426	181.35
59-308-02	2	20 Mesh SS	627	297.30

SWEAT END (BLOW OUT CAP W/PLUG)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-303-P2	1/2	50 Mesh SS	50	39.18
59-304-P2	3/4	20 Mesh SS	121	79.15
59-305-P2	1	20 Mesh SS	189	107.24
59-306-P2	1-1/4	20 Mesh SS	280	177.49
59-307-P2	1-1/2	20 Mesh SS	426	202.99
59-308-P2	2	20 Mesh SS	627	324.32

STRAINERS F X M NPT

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-404-01	3/4	F x M	200	74.10
59-405-01	1	F x M	300	97.67

STRAINER/BALL VALVE COMBINATION

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59-003-06	1/2	50 Mesh SS	1.38	68.42
59-004-06	3/4	20 Mesh SS	2.46	91.22
59-005-06	1	20 Mesh SS	4.17	114.03
59-006-06	1-1/4	20 Mesh SS	5	182.49
59-007-06	1-1/2	20 Mesh SS	7.2	228.08
59-008-06	2	20 Mesh SS	10.91	342.15

MINI STRAINERS (SOLID CAP)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59V-000-01	1/8	50 Mesh SS	23.3	30.00
59V-001-01	1/4	50 Mesh SS	29.7	30.00

Pipeline Strainers

59LF Y Strainers : Lead Free Bronze FNPT Threaded (Solid Cap)

Part No.	Size (In.)	Description	Wt./100	Price Ea.
59LF-000-01	1/8	50 Mesh SS	44.5	44.90
59LF-001-01	1/4	50 Mesh SS	42.5	44.90
59LF-002-01	3/8	50 Mesh SS	78.6	44.90
59LF-003-01	1/2	50 Mesh SS	75.1	44.90
59LF-004-01	3/4	20 Mesh SS	174	85.56
59LF-005-01	1	20 Mesh SS	275.8	112.79
59LF-006-01	1-1/4	20 Mesh SS	358	203.61
59LF-007-01	1-1/2	20 Mesh SS	541	225.47
59LF-008-01	2	20 Mesh SS	747.4	370.00
59LF-009-01	2-1/2	20 Mesh SS	1300	732.33
59LF-010-01	3	20 Mesh SS	1800	845.05
59LF-011-01	4	Perforation SS	3000	2,498.38

59UL Bronze UL Listed Strainers

Part No.	Size (In.)	Wt./100	Price Ea.
59-UL0-01	1/8	44.5	45.51
59-UL1-01	1/4	42.5	45.51
59-UL2-01	3/8	78.6	45.51
59-UL3-01	1/2	75.1	45.51

59 Adders for Optional Screen Materials

Y STRAINERS

Size (In.)	Screen	Price Ea.
1/4-1/2	20-40-60-80-100 Mesh	4.34
3/4	20-40-60-80-100 Mesh	6.56
1	20-40-60-80-100 Mesh	10.40
1-1/4	20-40-60-80-100 Mesh	13.04
1-1/2	20-40-60-80-100 Mesh	19.62
2	20-40-60-80-100 Mesh	21.77

59 Replacement Gaskets

Size (In.)	Screen	Price Ea.
1/4-3/8	Standard Gasket	4.53
1/2	Standard Gasket	4.53
3/4	Standard Gasket	4.53
1	Standard Gasket	4.53
1-1/4	Standard Gasket	4.53
1-1/2	Standard Gasket	4.53
2	Standard Gasket	11.41
2-1/2	Standard Gasket	11.41
3	Standard Gasket	13.67
4	Standard Gasket	15.97

YCT Y-Strainers : Cast Iron : Full Flow 250 psi Rated - Threaded*

Apollo International™

Part No.	Size (In.)	Description	Wt./Ea.	Price Ea.
YCT01M20	1/4	20 Mesh 304 SST	1.5	13.98
YCT02M20	3/8	20 Mesh 304 SST	1.5	13.98
YCT03M20	1/2	20 Mesh 304 SST	1.5	16.76
YCT04M20	3/4	20 Mesh 304 SST	2.5	20.52
YCT05M20	1	20 Mesh 304 SST	3	25.62
YCT06M20	1-1/4	20 Mesh 304 SST	6	36.32
YCT07M20	1-1/2	20 Mesh 304 SST	8	44.73
YCT08M20	2	20 Mesh 304 SST	14	67.05
YCT09P045	2-1/2	Perforation 304 SST	29	180.68
YCT00P045	3	Perforation 304 SST	38	237.51

**Tapped and Plugged Blow-Off.*
Optional mesh and perforations for YCT Series:
1/4"-2": add 40% to lists above. Contact factory for availability.
2-1/2"-3": add 20% to lists above. Contact factory for availability.

125YF Y-Strainers : Cast Iron : 125# Flanged

Apollo International™

Part No.	Size (In.)	Screen	Wt. Lb./Ea.	Price Ea.
125YF02P045	2	Perforation 304 SST	24	188.20
125YF25P045	2-1/2	Perforation 304 SST	33	209.31
125YF03P045	3	Perforation 304 SST	44	241.95
125YF04P125	4	Perforation 304 SST	85	397.52
125YF05P125	5	Perforation 304 SST	117	664.44
125YF06P125	6	Perforation 304 SST	174	843.05
125YF08P125	8	Perforation 304 SST	262	1,399.97
125YF10P125	10	Perforation 304 SST	410	2,617.42
125YF12P125	12	Perforation 304 SST	650	3,796.54
125YF14P125	14	Perforation 304 SST	815	6,828.79
125YF16P125	16	Perforation 304 SST	1250	9,891.76

125YF-E Epoxy-Coated Flanged "Y" Strainers

Part No.	Size (In.)	Wt./100	Price Ea.
125YF25P045E	2-1/2	33.0	403.01
125YF03P045E	3	44.0	511.27
125YF04P125E	4	85.0	781.95
125YF06P125E	6	174.0	1,437.56
125YF08P125E	8	262.0	2,123.26
125YF10P125E	10	410.0	3,506.70

Pipeline Strainers

YCS Y-Strainers : Carbon Steel

YCS : THREADED

Part No.	Size (In.)	Description	Wt. Lb./Ea.	Price Ea.
612-023-A1	1/2	20 Mesh 304 SST	1.5	92.11
612-024-A1	3/4	20 Mesh 304 SST	2.5	107.82
612-025-A1	1	20 Mesh 304 SST	3.5	137.22
612-026-A1	1-1/4	20 Mesh 304 SST	7	239.15
612-027-A1	1-1/2	20 Mesh 304 SST	8.3	245.05
612-028-A1	2	20 Mesh 304 SST	12.8	290.14

YCSW : SOCKET WELD

Part No.	Size (In.)	Description	Wt. Lb./Ea.	Price Ea.
612-123-A1	1/2	20 Mesh 304 SST	1.5	92.11
612-124-A1	3/4	20 Mesh 304 SST	2.5	107.82
612-125-A1	1	20 Mesh 304 SST	3.5	137.22
612-126-A1	1-1/4	20 Mesh 304 SST	7	239.15
612-127-A1	1-1/2	20 Mesh 304 SST	8.3	245.05
612-128-A1	2	20 Mesh 304 SST	12.8	290.14

YSS Y-Strainers : Stainless Steel

YSS : THREADED

Part No.	Size (In.)	Description	Wt. Lb./Ea.	Price Ea.
612-033-A1	1/2	20 Mesh SS	1.5	270.61
612-034-A1	3/4	20 Mesh SS	2.5	348.20
612-035-A1	1	20 Mesh SS	3.5	490.83

How to Order WD and LD Butterfly Valves

CERTIFIED LEAD FREE NSF/ANSI 372 – MODEL NUMBER

WD	141	06	B	E	1	1 -S
MODEL	**SERIES**	**SIZE (IN.)**	**DISC MATERIAL**	**SEAT MATERIAL**	**SHAFT**	**OPERATOR**
LD = Lug Body (Ductile Iron) **WD** = Wafer Body (Ductile Iron) (2" - 12" Only)	**141** = Apollo International™ **145** = Assembled & Tested in USA (2" - 12" only)	**02** = 2" **25** = 2.5" **03** = 3" **04** = 4" **05** = 5" **06** = 6" **08** = 8" **10** = 10" **12** = 12" **14** = 14" **16** = 16" **18** = 18" **20** = 20" **24** = 24" **30** = 30"	**B** = Aluminum Bronze **D** = Ductile Iron A536 Nickel Plated **S** = Stainless Steel, CF8M	**E** = Black EPDM** -30° F to 275° F -34° C to 135° C **N** = Black BUNA-N** 10° F to 180° F -12° C to 82° C **V** = Black Viton® B † -15° F to 400° F -26° C to 204° C (145 Series Only) ** *FDA Food Grade*	**1**= Std. 416 SS	**0** = Bare Shaft **1** = 10 Position Handle **2** = Gear Operator - Direct Mount **3** = Infinite Position Handle **4** = Locking Handle **5** = Gear Operator w/ Chainwheel **7** = Locking Gear Operator **8** = Locking Gear Operator w/Chainwheel **-SF**= Silicone Free Assembly (145 Series Only)

NOTES: NSF

- **Certification** - Product complies with NSF/ANSI 372 lead content requirements for "lead free" plumbing as defined by the U.S. Safe Drinking Water Act that took effect January 4, 2014. †

†Viton is primarily used for process applications, and has not been included in the scope of our Lead Free approvals

EXAMPLE:
WD141-06-BE-11: 6" WD141 Series, Ductile Iron Wafer Body, Aluminum Bronze Disc, Black EPDM Seat, 416 SS Shaft with 10 Position Handle

How to Order LC149 Butterfly Valves - Contractor Grade

CERTIFIED LEAD FREE NSF/ANSI 372 – MODEL NUMBER

LC149	06	1
SERIES	**SIZE (IN.)**	**OPERATOR**
LC149 = Cast Iron Lug Body Aluminum Bronze Disc 416 SS Shaft Black EPDM Seat	**02** = 2" **25** = 2.5" **03** = 3" **04** = 4" **05** = 5" **06** = 6" **08** = 8" **10** = 10" **12** = 12"	**1** = 10 Position Handle (2" - 12") **2** = Gear Operator (8" - 12" only)

EXAMPLE:
LC149-06-1: 6" LC149 Series, Cast Iron Body, Aluminum Bronze Disc, Black EPDM Seat, 416 SS Shaft with 10 Position Handle

NOTES: NSF

- **Certification** - Product complies with NSF/ANSI 372 lead content requirements for "lead free" plumbing as defined by the U.S. Safe Drinking Water Act that took effect January 4, 2014.

LD/WD141 Butterfly Valves - Apollo International

STANDARD CONSTRUCTION : 2"-24" LUG / 2"-12" WAFER

Body: Ductile Iron
Disc: Nickel Plated Ductile Iron
Seat: BUNA-N or EPDM
Shaft: 416 Stainless Steel

Valve Size (In.)	2	2 1/2	3	4	5	6	8	10	12
WD141 (Wafer)	80.52	86.57	94.62	110.74	146.98	187.27	265.53	394.12	566.91
LD141 (Lug)	93.73	101.70	107.71	131.65	175.53	215.41	297.19	432.82	618.30
Disc Adder									
Aluminum Bronze	9.68	9.99	11.98	13.95	13.95	17.97	23.94	106.14	223.31
Stainless Steel	37.64	47.06	71.49	112.91	150.55	193.81	207.00	378.21	600.26
Operator Adder									
10 Position Handle	26.89	28.31	26.89	26.89	32.26	33.37	35.84	35.84	71.49
Gear Operator	131.71	131.71	131.71	131.71	131.71	131.71	167.48	167.48	223.93
Infinite Position Handle	69.62	69.62	69.62	69.62	69.62	101.30	79.04	79.04	79.04
Locking Handle	45.15	45.15	45.15	45.15	45.15	45.15	73.41	73.41	73.41
Chainwheel Gear Operator**	366.93	366.93	366.93	366.93	366.93	366.93	445.84	445.84	445.84

Valve Size (In.)	14	16	18	20	24
LD141 (Lug)	1,118.94	1,559.72	2,022.33	2,670.08	4,717.15
Disc Adder					
Aluminum Bronze	384.95	464.73	992.75	1,081.06	1,252.61
Stainless Steel	703.72	890.02	1,281.42	1,623.87	2,252.33
Operator Adder					
Gear Operator	223.93	519.24	639.77	639.77	639.77
Chainwheel Gear Operator**	476.06	691.69	1,194.86	1,194.86	1,194.86

* Contact Factory for valves larger than 24"

***Chain sold separately.*

LD/WD145 Butterfly Valves - Assembled & Tested in USA

STANDARD CONSTRUCTION : 2"-12" LUG / 2"-12" WAFER

Body: Ductile Iron
Disc: Nickel Plated Ductile Iron
Seat: BUNA-N or EPDM (Optional Viton® seat not LF certified)
Shaft: 416 Stainless Steel

Valve Size (In.)	2	2 1/2	3	4	5	6	8	10	12
WD145 (Wafer)	96.63	103.89	113.54	132.89	176.38	224.72	318.64	472.94	680.28
LD145 (Lug)	112.48	122.04	129.26	157.98	210.63	258.49	356.63	519.38	741.96
Disc Adder									
Aluminum Bronze	11.61	11.98	14.37	16.75	16.75	21.56	28.73	127.38	267.98
Stainless Steel	45.17	56.47	85.80	135.49	180.66	232.58	248.40	453.85	720.32
Seat Adder									
Black EPDM	No Charge								
Black Buna-N	No Charge								
Black FKM, Family B*	142.78	159.53	221.26	345.69	405.27	591.35	627.63	889.94	1,150.97
Silicone Free Assembly Option	37	37	37	37	37	42	42	50	50

**NOTE: Viton®B , a fluoroelastomer, is a registered trademark. It is categorized under the ASTM D1418 and ISO 1629 designation FKM.*

Valve Size (In.)	2	2 1/2	3	4	5	6	8	10	12
Operator Adder									
10 Position Handle	26.89	28.31	26.89	26.89	32.26	33.37	35.84	35.84	71.49
Gear Operator	131.71	131.71	131.71	131.71	131.71	131.71	167.48	167.48	223.93
Infinite Position Handle	69.62	69.62	69.62	69.62	69.62	101.30	79.04	79.04	79.04
Locking Handle	45.15	45.15	45.15	45.15	45.15	45.15	73.41	73.41	73.41
Chainwheel Gear Operator**	366.93	366.93	366.93	366.93	366.93	366.93	445.84	445.84	445.84

***Chain sold separately.*

Butterfly Valves

LC149 — Contractor Grade Butterfly Valves - Apollo International™

STANDARD CONSTRUCTION : 2"-12" LUG, SINGLE FLANGE, 200 CWP

Body: Cast Iron
Disc: Aluminum Bronze
Seat: EPDM
Shaft: 416 Stainless Steel

Size (In.)	Model	Operator	Price Ea.
2	LC149021	10 Position Handle	92.44
2-1/2	LC149251	10 Position Handle	112.27
3	LC149031	10 Position Handle	117.55
4	LC149041	10 Position Handle	140.76
5	LC149051	10 Position Handle	188.95
6	LC149061	10 Position Handle	226.34
8	LC149081	10 Position Handle	314.75
	LC149082	Gear Operator	446.39
10	LC149101	10 Position Handle	483.98
	LC149102	Gear Operator	615.63
12	LC149121	10 Position Handle	753.48
	LC149122	Gear Operator	905.92

Butterfly Valves – Handle Kits

Handle Kits are available to "field" modify valves after shipment or to replace valve handles that have been damaged while in service.

141, 145, & 149 — 10 Position Handle & Notch Plate Kits (-1 option)

Handle & notch plate kit consists of iron handle, zinc plated notchplate and mounting hardware.

Note: Kits can be used with LD141, WD141, LD145, WD145, and LC149 concentric butterfly valves.

Part No.	Valve Size (In.)	Price Ea.
CX01943	2-3	27.70
CX02031	4	27.70
CX02033	5-6	33.23
CX02053	8	36.92
CX01734	10	36.92
CX01829	12	73.63

141, 145, & 149 — Handle Only

Note: Can be used with LD141, WD141, LD145, WD145, and LC149 concentric butterfly valves.

Part No.	Valve Size (In.)	Price Ea.
CX04178	2-3	15.45
CX04179	4	17.51
CX04180	5-6	20.60
CX04181	8	22.66
CX04182	10	25.75
CX04183	12	27.81

141, 145, & 149 — Infinite Position Handle Kits (-3 option)

Infinite position handle kit consists of ductile iron handle, zinc plated infinite position plates and mounting hardware.

Note: Kits can be used with LD141, WD141, LD145, WD145, and LC149 concentric butterfly valves.

Part No.	Valve Size (In.)	Price Ea.
CX04084	2-3	67.65
CX04085	4	71.71
CX04086	5-6	71.71
CX04087	8	76.81
CX04088	10	81.41
CX04089	12	76.81

141, 145, & 149 — Locking Handle & Notch Plate Kits (-4 option)

Locking handle & notch plate kit consists of ductile iron handle, zinc plated infinite position plates and mounting hardware.

Note: Kits can be used with LD141, WD141, LD145, WD145, and LC149 concentric butterfly valves.

Part No.	Valve Size (In.)	Price Ea.
CX04054	2-3	46.54
CX04055	4	46.54
CX04056	5-6	46.54
CX04057	8	75.28
CX04058	10	75.28
CX04059	12	75.61

Butterfly Valves – Gear Operator

LD/WD141 & 145 Gear Operator Kits (-2 option)

Gear operator kit consists of gear operator, handwheel and zinc plated mounting hardware.

Part No.	Size (In.)	Max Torque	Ratio	HW Dia. (In.)	Housing	Segment/Handwheel	Shaft/Worm	Price Ea.
CX01073	2-3	6000 lbf•in	30:1	11.9	Cast Iron	Ductile Iron	Steel	135.66
CX01279	4	6000	30:1	11.9	Cast Iron	Ductile Iron	Steel	135.66
CX01362	5-6	6000	30:1	11.9	Cast Iron	Ductile Iron	Steel	135.66
CX01582	8	10500	50:1	11.9	Cast Iron	Ductile Iron	Steel	172.50
CX01729	10	10500	50:1	11.9	Cast Iron	Ductile Iron	Steel	172.50
CX01811	12-14	10500	50:1	11.9	Cast Iron	Ductile Iron	Steel	230.65
CX01906	16	17500	80:1	11.9	Cast Iron	Ductile Iron	Steel	534.93
CX01935	18	17500	80:1	11.9	Cast Iron	Ductile Iron	Steel	658.96
CX01994	20	26500	300:1	11.9	Cast Iron	Ductile Iron	Steel	658.96
CX02021	24	26500	300:1	11.9	Cast Iron	Ductile Iron	Steel	658.96

LD/WD141 & 145 Chainwheel Gear Operator Kits (-5 option)

Chainwheel gear operator kits consist of gear operator, handwheel, chainwheel and zinc plated mounting hardware.

Part No.	Size (In.)	Max Torque	Ratio	CW Dia. (In.)	Housing	Segment/Handwheel	Shaft/Worm	Price Ea.
CX03099	2-3	6000 lbf•in	30:1	12	Cast Iron	Ductile Iron	Steel	377.94
CX03100	4	6000	30:1	12	Cast Iron	Ductile Iron	Steel	377.94
CX03101	5-6	6000	30:1	12	Cast Iron	Ductile Iron	Steel	377.94
CX03102	8	10500	50:1	12	Cast Iron	Ductile Iron	Steel	426.38
CX03103	10	10500	50:1	12	Cast Iron	Ductile Iron	Steel	426.38
CX03104	12-14	10500	50:1	12	Cast Iron	Ductile Iron	Steel	490.34
CX03105	16	17500	80:1	12	Cast Iron	Ductile Iron	Steel	705.48
CX03106	18	17500	80:1	12	Cast Iron	Ductile Iron	Steel	1,230.71
CX03107	20	26500	300:1	12	Cast Iron	Ductile Iron	Steel	1,230.71
CX03108	24	26500	300:1	12	Cast Iron	Ductile Iron	Steel	1,230.71

LD/WD141 & 145 Babbitt Chainwheel Kit

Kit includes cast iron rim, ductile iron chain guide arms, and zinc-plated carbon steel attachment set.

Part No.	Attaches to Gear Operator Handwheel	Price
H300200	2" – 24" Valves	308.50

LD/WD141 & 145 Memory Stop Kits*

For Handwheel and Chainwheel Gear Operators.

Part No.	Valve Size (In.)	Price Ea.
CX04224	2-6	32.92
CX04225	8-14	32.92
CX04226	16-18	42.90
CX04227	20-24	42.90

** Can also be used with obsolete Series 143 butterfly valve*

LD/WD141 & 145 Gear Operator Lockout Device

For Handwheel and Chainwheel Gear Operators. Lockout device consists of black polyester powder coated bracket, lock hub, and zinc plated hardware.

Part No.	Valve Size (In.)	Price Ea.
CX04228	2-14	21.78
CX04229	16-18	23.77
CX04230	20-24	25.86

LD/WD141 & 145 Handwheel Only*

Part No.	Valve Size (In.)	Price Ea.
CX02613	2-14	104.65
CX03852	16-24	137.14

** Can also be used with obsolete Series 143 butterfly valve*

Double Offset High Performance Butterfly Valves

NEW PRODUCT

215L/215W	Class 150. Available in sizes: 2" to 24" (Including 2.5" & 5")
230L/230W	Class 300. Available in sizes: 2" to 24" (Including 2.5" & 5")
260L/260W	Class 600. Available in sizes: 3" to 12"

Please consult factory or your Apollo rep for pricing and availablity.

SALES & CUSTOMER SERVICE: Phone: (704) 841-6000
Fax: (704) 841-6020

To find a Sales Rep close to you, contact our Customer Service Department or Visit Our Website www.apollovalves.com

REVISIONS

Page 50	June 19, 2015	Corrected prices for 94MBV
Page 61	March 16, 2015	Added prices for Silicone Free Assembly Option for LD/WD 145
Page 63	June 29, 2015	Removed Chain for Chain Wheel - no longer available