

"Apollo"[®]

BALL VALVE PRICE LIST

BVPL9000
EFFECTIVE 01OCT18

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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.

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

TERMS AND CONDITIONS OF SALE

- Payment: 2% 10th prox. Net 30 days.
- All prices F.O.B. shipping point with freight allowed on shipments of 750 pounds and/or \$5,000 net minimum to all shipping points within the United States, excluding Alaska and Hawaii. No freight allowed on Air Freight or Parcel Post 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.
- No freight will be allowed on Air Freight, Air Express, Parcel Post or U.P.S. shipments.
- All Conbraco products may be combined to make sufficient weight for full freight 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.
- All goods returned to us will not be accepted unless a full explanation has been made and our written authorized permission obtained in advance. 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.



THROUGHOUT THIS CATALOG, PRODUCTS THAT ARE CERTIFIED **LEAD FREE*** OR HAVE A **LEAD FREE*** OPTION WILL BE IDENTIFIED WITH THESE LOGOS.

*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.

Conbraco Industries offers a wide range of Apollo® products for potable and non-potable applications. When the use of lead free valves is required by code, specification or legislation, it is the sole responsibility of our customers to ensure that only lead free Apollo® products are installed in systems intended for potable water service. Further information related to our product offering and the U.S. Safe Drinking Water Act (SDWA) is available at www.apollovalves.com/lead_free or by contacting Conbraco Customer Service.

**Imported products may be identified as "Apollo International™" or "Conbraco International™".

PLEASE USE ALL DIGITS WHEN ORDERING.

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MATERIAL OR STYLE

2-PIECE & UNIBODY VALVES	
70	Bronze
71	Bronze with Pads
72-A	Carbon Steel (Forged Body)
73	Carbon Steel
73A	A105 Carbon Steel
74	Nickel
75	Pad-Locking Bronze
76	CF8M Stainless Steel
76F	CF8M Stainless Steel, Full Port
77	Bronze Full Port
77C	Bronze Full Port Economy
78	Special Valves and Kits
79	Refrigerant Valves
7A	Chlorine Carbon Steel
7K	Bronze Full Port Drain
80	Bronze, UL Listed
81	Bronze, UL Listed Plain Ball
82	Bronze 3-Piece Full Port
89	Cast Carbon Steel w/ Pads
9A	Bronze, Heavy Patt., Unibody
90	Bronze, Unibody UL Listed
91	Bronze, Unibody
92	Cast Carbon Steel Unibody
93	Carbon Steel Unibody
95	Bronze & Stop Drain
96	CF8M Stainless Steel Unibody
399	Alloy-20 NPT

3-PIECE VALVES	
83A	CS 3-Piece 1500 lb Full Port
83B	CS 3-Piece ASME Class 600 Full Port
86A	SS 3-Piece 1500 lb Full Port
86B	SS 3-Piece ASME Class 600 Full Port
86C	Alloy-20 3-Piece, ASME Class 600 Full Port
83R	CS 3-Piece, Full Port (2" & 3" only)
86R	SS 3-Piece, Full Port (2" & 3" only)

FLANGED VALVES	
87A	CF8M SS Flanged
87A	Alloy 20 Flanged
87B	CF8M SS Flanged Unibody
88A	Carbon Steel Flanged
88B	Carbon Steel Flanged Unibody
88L	Low Temp Carbon Steel Flanged

TYPE

2-PIECE & UNIBODY VALVES	
1	NPT Female or Std Connection
2	Solder/Socket Weld
3	Union End x NPT (70-3) Double UNION END (73-3, 76-3)
4	Union End x Solder Socket Weld Double Union End (76-4)
5	Spring Return Handle
6	3-Way NPT
7	Full Port Refrigeration Valves
8	Male X Female NPT
9	3-Way Solder / O-Ring Boss (70-9) SAE Straight Threads (72, 77)

3-PIECE VALVES	
1	NPT Female
2	Solder (82)/Socket Weld (83/86)
3	Schedule 5 Butt Weld
4	Schedule 10 Butt Weld
5	Schedule 40 Butt Weld
6	Schedule 80 Butt Weld

FLANGED VALVES	
1	Class 150 Standard Port
2	Class 150 Full Port
3	(AAR Valves)
4	Class 150, Standard Port, Alloy 20 (87A)
5	Class 150, Full Port, Alloy 20 (87A)
6	Class 300, Full Port, Alloy 20 (87A)
7	Class 300, Standard Port
8	Class 300, Standard Port, Alloy 20 (87A)
9	Class 300 Full Port
F	Class 600 Full Port

VARIATIONS

0	Standard Configuration
3	Ni-Cu Ball & Stem
4	SS Ball & Stem
8	SS Stem
9*	Pinned Retainer
A	Alloy 20
H	Hastelloy® C Ball & Stem
N	Nickel

**Bronze valves only*



NOTE: NOT ALL OPTIONS AND COMBINATIONS AVAILABLE ON ALL SIZES AND SERIES. REVIEW THE SPECIFIC TECHNICAL SHEET TO DETERMINE AVAILABILITY.

Modifying Suffixes

- The "01" suffix represents the standard configuration detailed in the Technical Literature.
 - If an option is desired, replace the "01" suffix with the suffix of the option.
 - If multiple options are desired, replace the "01" suffix with the desired suffixes in the order shown below.
- Example: 87A-10A-1424MG**

SIZE

OPTIONS

1	1/4"
2	3/8"
3	1/2"
4	3/4"
5	1"
6	1.25"
7	1.5"
8	2"
9	2.5"
0	3"
A	4"
C	6"
E	8"
G	10"
H	12"

-01	Standard Configuration
-02	Grounded
-04	2-1/4" Stem Extension
-05	Plain Ball
-07	Tee Handle
-08	90° Reversed Stem
-10	SS Lever and Fastener
-11	Therma-Seal™ Handle
-12	Stamped "157 SWP" & Bagged
-13	Stamped "157 SWP"
-14	Side Vented Ball (Uni-Directional)
-15	Round Handle, Steel
-16	Chain Lever - Valve in Vertical Position
-17	Rough Chrome Plated
-18	Plain Yellow Grip
-19	Pad-Locking
-20	Slot Vented Ball (Bi-Directional)
-21	Uhmwpe Trim (Non PTFE)
-22	Viton Union Seals
-23	Tank Flange (2" 3-Pc. Valves Only)
-24	Graphite Packing (Not Always Firesafe)
-26	For Chlorine Service: Side Vented,Cleaned (CS, HC, Monel Only)
-27	SS Latch Lock Lever & Nut
-29	Graphite Packing & Seals (Firesafe)
-30	Cam-Lock Handle And Grounded
-31	7B Series w/Boss Not Drilled/Tapped
-32	SS Tee Handle & Nut (Hi-Rise Handle)
-33	73-300 Series w/Pad Drilled/Tapped
-34	Nylatron Seats (96 Series)
-35	PTFE (Virgin TFE)
-36	SS Hi-Rise Round Handle, SS Nut
-38	Peek Seats & Bearing, Graphite Packing & Seals
-39	SS Hi-Rise Locking Round Handle, SS Nut
-40	Cyl-Loc & Grounded
-41	Automatic Drain (Uni-Directional)
-42	Non-Vented Ball, No Hole in Slot (CS & SS)
-43	Cyl-Loc, Grounded Ball & Stem, 680 Loctite or 3 Tack Welds
-44	Seal Welded (76-100 & 89-100 Series)
-45	Less Lever & Nut (No Hangtag)
-46	Latch-Lock Lever - Lock in Closed Position Only
-47	SS Oval Latch-Lock Handle
-48	SS Oval Handle (No Latch)
-49	Assembled Dry
-50	2-1/4" Locking Stem Extension
-51	One Tack Weld
-52	Two Tack Welds
-53	Three Tack Welds
-54	Four Tack Welds
-56	Multifill Seats (MPTFE) Not Available When 250#SWP Applies
-57	Cleaned for Oxygen Service (N/A on LF Bronze with Solder Extensions)
-58	Chain Lever - Valve in Horizontal Position
-59	SS External Trim (3-Pc. and Flange Valves)
-60	Grounded Ball & Stem
-62	Body Center Section
-63	NPT x Solder / Socket Weld
-64	250# SWP (MPTFE Seats & Packing)
-65	MPTFE Seats & Graphite Packing (-24 & -56)
-66	FNPT x Butt Weld
-67	Cleaned for Industrial Gas (CS Valves) (I7361 Desiccant)
-69	Purge Ports (Drilled/Tapped at Bottom & Approx. 45°)
-70	4" Extended Bonnet
-72	RTFE Packing

-73	TFE Packing, Spiral Wound Body Seals, TFE Fillers
-75	MPTFE Seats, PTFE Packing, RPTFE Gaskets
-76	Live Loaded - with Lever
-77	Live Loaded - Actuated or Gear Operated
-78	Delrin Seats
-79	Nylon Seats - Graphite Packing (72 Series)
-8R	15% Glass Filled TFM 1600 Seats, PEEK Bearing
-80	Dyneon TFE 1600 Seats, PEEK Bearing
-81	Graphite Packing with Braided End Rings (Flange Valves)
-82	Flat Face Flanges
-83	SS Tee Handle & Nut (SS Version of -07) (77 Series)
-84	Reverse SS Lever & Nut (77B Series)
-85	Short SS Tee Handle & Nut (Silicone Bronze Retainer) (77B 1/2")
-86	Reverse Locking SS lever (77B Series) (Locking Version of -84)
-87	Safety Latch (Flange Valves)
-88	Panel Mount (60A Series)
-89	PFA Seats
-9P	Double Packed Extended Bonnet with Port
-90	Double Packed Extended Bonnet
-91	Latch-Lock Tee Handle, SS
-92	Balancing Stop
-94	-04 & Balancing Stop
-95	Devlon Seats, Graphite Packing, PEEK Bearing
-96	PCTFE Seats, Graphite Packing
-97	Ground, Round Handle, Pinned or Tack Welded
-99	For 7B Series: -99A Less Lever, Side Tap -99B Less Lever, No Tap
-AR	Actuator Ready (MPTFE Seats, Live Loaded, Less Lever)
-BC	Ball Check
-BK	PCTFE Bearing
-CE	CE Approved (1-1/4" and Above Only)
-DP	Dye Penetrate
-EF	EGC 2236 Packing, Graphite Spiral Wound Gasket
-EP	Garlock EVSP Packing, Graphite Spiral Wound Gasket
-GS	Gas Service; CSA Approved
-HC	3/4" Hose Thread Retainer with Brass Cap & Chain
-KF	Kel-F Bearing
-MG	Gear Operated, Standard Hand Wheel
-MH	Gear Operated, Standard Hand Wheel & Lockout Device
-MJ	Gear Operated, Oversize Hand Wheel
-MK	Gear Operated, Oversize Hand Wheel & Lockout Device
-MP	Material Positive (PMI Testing)
-PH	17-4 PH Stem
-RR	Oiled and Bagged for Rust Prevention on Carbon Steel Valves
-SR	Spring Return Handle (83A/B & 86A/B Series)
-SV	Safety Vent (77-100 / 7K-100 Series) (Auto Drain)
-SW	Limit Switch Mounted
-TC	Tested, Hydrostatic w/Certification
-TD	Tested to API 6D w/Certification
-TH	Tested, Hydrostatic
-TM	MTR
-TR	Tested, Hydrostatic w/Certification and MTR
-TS	Tested, Special, Customer Specified
-TW	Tested, Hydrostatic w/Witness and Certification
-UA	AIS Compliant
-US	Made in USA
-ZG	Cup & Cone Style Packing, Graphite
-ZP	Cup & Cone Style Packing, PTFE

70 SERIES BRONZE BALL VALVE THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7010101	1/4"	60	\$21.27	10
7010201	3/8"	56	\$21.27	10
7010301	1/2"	63	\$21.27	10
7010401	3/4"	139	\$35.09	10
7010501	1"	172	\$44.17	10
7010601	1-1/4"	326	\$74.12	5
7010701	1-1/2"	461	\$94.65	5
7010801	2"	606	\$118.60	2
7010901A	2-1/2"	1725	\$559.57	1
7010001	3"	1860	\$645.62	1
7010A01	4"	2550	\$853.07	1

THREADED ENDS W/ (-27) SS LATCH LOCK LEVER

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7010127	1/4"	60	\$27.03	10
7010227	3/8"	56	\$27.03	10
7010327	1/2"	63	\$27.03	10
7010427	3/4"	139	\$40.85	10
7010527	1"	172	\$49.91	10
7010627	1-1/4"	326	\$79.86	5
7010727	1-1/2"	461	\$100.41	5
7010827	2"	606	\$124.35	2
7010927A	2-1/2"	1725	\$576.66	1
7010027	3"	1860	\$662.66	1

THREADED ENDS W/ (-41) AUTO DRAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7010141	1/4"	60	\$24.35	10
7010241	3/8"	56	\$24.35	10
7010341	1/2"	63	\$24.35	10
7010441	3/4"	139	\$38.17	10
7010541	1"	172	\$50.34	10
7010641	1-1/4"	326	\$85.05	5
7010741	1-1/2"	461	\$105.94	5
7010841	2"	606	\$130.30	2
7010941A	2-1/2"	1396	\$627.85	1

THREADED ENDS W/ (-27) LATCH LOCK & (-41) AUTO DRAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
701012741	1/4"	60	\$30.12	10
701022741	3/8"	64	\$30.12	10
701032741	1/2"	63	\$30.12	10
701042741	3/4"	140	\$44.00	10
701052741	1"	173	\$56.09	10
701062741	1-1/4"	326	\$89.23	5
701072741	1-1/2"	461	\$109.78	5
701082741	2"	606	\$133.69	2
701092741A	2-1/2"	1725	\$645.17	1
701002741	3"	1870	\$682.34	1

THREADED ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7014101	1/4"	59	\$31.91	10
7014201	3/8"	55	\$31.91	10
7014301	1/2"	62	\$31.91	10
7014401	3/4"	137	\$59.05	10
7014501	1"	171	\$71.49	10
7014601	1-1/4"	320	\$118.69	5
7014701	1-1/2"	453	\$159.76	5
7014801	2"	588	\$211.10	2
7014901A	2-1/2"	1703	\$855.76	1
7014001	3"	1825	\$989.75	1
7014A01	4"	2550	\$1,303.90	1

SOLDER ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7020201	3/8"	63	\$21.27	10
7020301	1/2"	71	\$21.27	10
7020401	3/4"	144	\$35.09	10
7020501	1"	191	\$44.17	10
7020601	1-1/4"	295	\$74.12	5
7020701	1-1/2"	399	\$94.65	5
7020801	2"	571	\$118.60	2
7020901A	2-1/2"	1553	\$570.22	1
7020001	3"	1674	\$657.92	1
7020A01	4"	2480	\$869.32	1

SOLDER ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7024201	3/8"	54	\$32.52	10
7024301	1/2"	70	\$31.91	10
7024401	3/4"	134	\$59.05	10
7024501	1"	175	\$71.49	10
7024601	1-1/4"	312	\$120.95	5
7024701	1-1/2"	391	\$162.80	5
7024801	2"	563	\$215.12	2
7024901A	2-1/2"	1725	\$855.76	1
7024001	3"	1674	\$989.75	1
7024A01	4"	2480	\$1,303.90	1

THREADED ENDS - SINGLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7030101	1/4"	86	\$30.82	10
7030201	3/8"	84	\$30.82	10
7030301	1/2"	99	\$32.16	10
7030401	3/4"	191	\$54.62	10
7030501	1"	242	\$73.77	10
7030601	1-1/4"	427	\$125.37	5
7030701	1-1/2"	582	\$156.92	5
7030801	2"	855	\$249.63	2

70 SERIES

BRONZE BALL VALVE

SOLDER ENDS - SINGLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7040201	3/8"	85	\$30.82	10
7040301	1/2"	102	\$32.77	10
7040401	3/4"	193	\$55.66	10
7040501	1"	242	\$75.18	10
7040601	1-1/4"	411	\$127.76	5
7040701	1-1/2"	544	\$159.91	5
7040801	2"	777	\$249.63	2

THREADED ENDS - MALE x FEMALE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7080101	1/4"	63	\$25.42	10
7080201	3/8"	60	\$25.42	10
7080301	1/2"	72	\$25.42	10
7080401	3/4"	142	\$40.52	10
7080501	1"	193	\$57.86	10
7080601	1-1/4"	319	\$92.70	5
7080701	1-1/2"	460	\$113.33	5

THREADED ENDS - 3 WAY

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7060101	1/4"	91	\$38.58	6
7060201	3/8"	88	\$38.58	6
7060301	1/2"	76	\$38.58	6
7060401	3/4"	165	\$53.24	6
7060501	1"	215	\$70.51	6
7060601	1-1/4"	385	\$111.46	5
7060701	1-1/2"	522	\$130.12	5
7060801	2"	620	\$187.30	2

THREADED ENDS - 3 WAY W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7064101	1/4"	91	\$50.17	6
7064201	3/8"	88	\$50.17	6
7064301	1/2"	76	\$49.23	6
7064401	3/4"	165	\$78.67	6
7064501	1"	215	\$99.73	6
7064601	1-1/4"	385	\$171.38	5
7064701	1-1/2"	522	\$198.97	5
7064801	2"	620	\$285.17	2

THREADED ENDS WITH (-27) LATCH LOCK & (-41) AUTOMATIC DRAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
701012741	1/4"	60	\$30.12	10
701022741	3/8"	64	\$30.12	10
701032741	1/2"	63	\$30.12	10
701042741	3/4"	140	\$44.00	10
701052741	1"	173	\$56.09	10
701062741	1-1/4"	326	\$89.23	5
701072741	1-1/2"	461	\$109.78	5
701082741	2"	606	\$133.69	2
701092741A	2-1/2"	1725	\$645.17	1
701002741	3"	1870	\$682.34	1

SOLDER ENDS - 3 WAY

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7090301	1/2"	76	\$39.87	6
7090401	3/4"	165	\$56.00	6
7090501	1"	215	\$72.37	6

70B SERIES

B31.1 POWER PIPING BRONZE BALL VALVE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70B14164	1/4"	60	\$49.81	1
70B14264	3/8"	56	\$49.81	1
70B14364	1/2"	63	\$49.81	1
70B14464	3/4"	139	\$79.06	1
70B14564	1"	172	\$94.97	1
70B14664	1-1/4"	326	\$145.21	1
70B14764	1-1/2"	461	\$189.04	1
70B14864	2"	606	\$241.47	1

70HC SERIES

BRONZE BALL VALVE - HOSE THREAD THREADED END W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70103HC	1/2" NPT X 3/4" Hose	63	\$35.44	10
70104HC	3/4" NPT X 3/4" Hose	139	\$50.04	10
70105HC	1" NPT X 3/4" Hose	175	\$64.63	10

SOLDER END W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70203HC	1/2" SOL X 3/4" Hose	71	\$35.44	10
70204HC	3/4" SOL X 3/4" Hose	144	\$50.04	10
70205HC	1" SOL X 3/4" Hose	195	\$64.63	10

STAINLESS STEEL TRIM W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70143HC	1/2" NPT x 3/4" Hose	63	\$45.99	1
70144HC	3/4" NPT x 3/4" Hose	139	\$73.82	1
70145HC	1" NPT x 3/4" Hose	175	\$91.80	1
70243HC	1/2" Solder x 3/4" Hose	63	\$45.97	1
70244HC	3/4" Solder x 3/4" Hose	139	\$73.78	1
70245HC	1" Solder x 3/4" Hose	175	\$96.00	1

70LFHC SERIES

BRONZE BALL VALVE - HOSE THREAD THREADED END W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70LF143HC	1/2" NPT x 3/4" Hose	63	\$58.24	1
70LF144HC	3/4" NPT x 3/4" Hose	139	\$90.67	1
70LF145HC	1" NPT x 3/4" Hose	175	\$123.38	1
70LF243HC	1/2" Solder x 3/4" Hose	63	\$59.35	1
70LF244HC	3/4" Solder x 3/4" Hose	139	\$90.67	1

7OLF SERIES

LEAD FREE BRONZE BALL VALVE THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF10101	1/4"	60	\$28.67	10
7OLF10201	3/8"	56	\$28.67	10
7OLF10301	1/2"	63	\$28.67	10
7OLF10401	3/4"	130	\$47.28	10
7OLF10501	1"	172	\$59.56	10
7OLF10601	1-1/4"	326	\$99.88	5
7OLF10701	1-1/2"	461	\$127.54	5
7OLF10801	2"	606	\$152.05	2
7OLF10901	2-1/2"	1396	\$653.48	1
7OLF10001	3"	1860	\$753.97	1
7OLF10A01	4"	2550	\$1,015.16	1

THREADED ENDS W/ 316SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF14101	1/4"	60	\$45.98	10
7OLF14201	3/8"	56	\$45.12	10
7OLF14301	1/2"	63	\$45.12	10
7OLF14401	3/4"	130	\$83.54	10
7OLF14501	1"	172	\$101.17	10
7OLF14601	1-1/4"	326	\$144.63	5
7OLF14701	1-1/2"	461	\$192.54	5
7OLF14801	2"	606	\$245.58	2
7OLF14901	2-1/2"	1396	\$935.25	1
7OLF14001	3"	1860	\$1,081.31	1
7OLF14A01	4"	2550	\$1,425.08	1

SOLDER ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF20201	3/8"	56	\$28.67	10
7OLF20301	1/2"	63	\$28.67	10
7OLF20401	3/4"	130	\$47.28	10
7OLF20501	1"	172	\$59.56	10
7OLF20601	1-1/4"	326	\$99.88	5
7OLF20701	1-1/2"	461	\$127.54	5
7OLF20801	2"	606	\$152.05	2
7OLF20901	2-1/2"	1396	\$653.48	1
7OLF20001	3"	1860	\$753.97	1
7OLF20A01	4"	2550	\$1,015.16	1

SOLDER ENDS W/ 316SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF24201	3/8"	56	\$39.45	10
7OLF24301	1/2"	63	\$38.71	10
7OLF24401	3/4"	130	\$69.89	10
7OLF24501	1"	172	\$86.96	10
7OLF24601	1-1/4"	326	\$144.61	5
7OLF24701	1-1/2"	461	\$192.51	5
7OLF24801	2"	606	\$245.57	2
7OLF24901	2-1/2"	1396	\$935.25	1
7OLF24001	3"	1860	\$1,081.26	1
7OLF24A01	4"	2550	\$1,425.08	1

THREADED ENDS - SINGLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF30301	1/2"	96	\$42.47	10
7OLF30401	3/4"	190	\$72.14	10
7OLF30501A	1"	245	\$99.26	10
7OLF30601	1-1/4"	432	\$168.72	5
7OLF30701	1-1/2"	582	\$211.18	5
7OLF30801	2"	855	\$336.05	2

SOLDER ENDS - SINGLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF40401	3/4"	190	\$73.50	10
7OLF40501A	1"	245	\$99.26	10
7OLF40601	1-1/4"	432	\$168.70	5
7OLF40701	1-1/2"	582	\$211.16	5
7OLF40801	2"	855	\$336.04	2

THREADED ENDS - MALE X FEMALE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF80301	1/2"	63	\$34.20	10
7OLF80401	3/4"	130	\$54.55	10
7OLF80501	1"	172	\$77.84	10
7OLF80601	1-1/4"	326	\$126.65	5

THREADED ENDS - MALE X FEMALE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7OLF80301	1/2"	63	\$34.20	10
7OLF80401	3/4"	130	\$54.55	10
7OLF80501	1"	172	\$77.84	10
7OLF80601	1-1/4"	326	\$126.65	5

70LF-HC SERIES

LEAD FREE BRONZE BALL VALVE - HOSE THREAD
THREADED END W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70LF103HC	1/2"	63	\$48.20	10
70LF104HC	3/4"	139	\$68.07	10
70LF105HC	1"	172	\$79.45	10

SOLDER END W/ HOSE CAP & CHAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70LF203HC	1/2"	71	\$48.20	10
70LF204HC	3/4"	144	\$68.07	10

71 SERIES

BRONZE BALL VALVE - MOUNTING PADS
THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7110401	3/4"	163	\$46.48	10
7110501	1"	186	\$57.82	10
7110601	1-1/4"	339	\$91.00	5
7110701	1-1/2"	468	\$110.93	5
7110801	2"	572	\$142.63	2
7110001	3"	1860	\$708.34	1

THREADED ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7114401	3/4"	161	\$70.49	10
7114501	1"	182	\$85.25	10
7114601	1-1/4"	336	\$136.32	5
7114701	1-1/2"	460	\$177.27	5
7114801	2"	564	\$242.82	2
7114001	3"	1965	\$1,040.18	1

71-500 SERIES

BRONZE BALL VALVE - MOUNTING PADS
SPRING RETURN HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7150101	1/4"	147	\$148.62	10
7150201	3/8"	145	\$148.62	10
7150301	1/2"	135	\$148.62	10
7150401	3/4"	233	\$166.46	5
7150501	1"	259	\$177.73	5
7150601	1-1/4"	418	\$234.18	4
7150701	1-1/2"	531	\$273.40	2
7150801	2"	641	\$321.64	2

72 & 72-A SERIES

CARBON STEEL BALL VALVE

HIGH PRESSURE - FULL PORT (EXCEPT 2")

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7210301A	1/2"	198	\$74.07	6
7210401A	3/4"	309	\$92.01	4
7210501A	1"	487	\$138.75	4
7210601A	1-1/4"	767	\$212.08	2
7210701A	1-1/2"	1050	\$267.49	2
7210801A	2"	1526	\$329.41	1

HIGH PRESSURE - FULL PORT (EXCEPT 2") W/ 316 BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7214301A	1/2"	198	\$91.37	6
7214401A	3/4"	309	\$116.75	4
7214501A	1"	487	\$165.53	4
7214601A	1-1/4"	767	\$243.93	2
7214701A	1-1/2"	1050	\$308.77	2
7214801A	2"	1526	\$387.19	1

SAE STRAIGHT THREAD

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7290101A	1/4"	209	\$80.90	6
7290201A	3/8"	206	\$80.90	6
7290301A	1/2"	256	\$79.39	6
7290401A	3/4"	307	\$102.32	4
7290501A	1"	491	\$147.41	4
7290601A	1-1/4"	773	\$230.70	2
7290701A	1-1/2"	1021	\$299.71	2
7290801A	2"	1488	\$366.50	1

73A SERIES

A105 CARBON STEEL BALL VALVE

THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
73A10101A	1/4"	61	\$30.88	10
73A10201A	3/8"	63	\$30.88	10
73A10301A	1/2"	75	\$33.56	10
73A10401A	3/4"	158	\$48.46	10
73A10501A	1"	209	\$65.21	10
73A10601	1-1/4"	374	\$111.43	5
73A10701	1-1/2"	530	\$141.17	5
73A10801	2"	803	\$194.39	2

THREADED ENDS W/ 316 SS BALL & STEM NACE MR01-75

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
73A14101A	1/4"	61	\$45.76	10
73A14201A	3/8"	63	\$45.76	10
73A14301A	1/2"	75	\$48.41	10
73A14401A	3/4"	158	\$75.78	10
73A14501A	1"	209	\$92.45	10
73A14601	1-1/4"	374	\$146.43	5
73A14701	1-1/2"	530	\$186.81	5
73A14801	2"	803	\$240.22	2

HIGH PRESSURE - FULL PORT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7210301A	1/2"	236	\$74.07	6
7210401A	3/4"	307	\$92.01	4
7210501A	1"	491	\$138.75	4
7210601A	1-1/4"	773	\$212.08	2
7210701A	1-1/2"	1021	\$267.49	2
7210801A	2"	1488	\$329.41	1

HIGH PRESSURE - FULL PORT W/ 316 BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7214301A	1/2"	256	\$91.37	6
7214401A	3/4"	307	\$116.75	4
7214501A	1"	491	\$165.53	4
7214601A	1-1/4"	773	\$243.93	2
7214701A	1-1/2"	1021	\$308.77	2
7214801A	2"	1488	\$387.19	1

SAE STRAIGHT THREAD

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7290101A	1/4"	209	\$80.90	6
7290201A	3/8"	206	\$80.90	6
7290301A	1/2"	256	\$79.39	6
7290401A	3/4"	307	\$102.32	4
7290501A	1"	491	\$147.41	4
7290601A	1-1/4"	773	\$230.70	2
7290701A	1-1/2"	1021	\$299.71	2
7290801A	2"	1488	\$366.50	1

73 SERIES

CARBON STEEL BALL VALVE - DOUBLE UNION THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7330101	1/4"	351	\$141.58	6
7330201	3/8"	345	\$141.58	6
7330301	1/2"	335	\$141.58	6
7330401	3/4"	448	\$189.30	4
7330501	1"	704	\$239.80	4
7330601	1-1/4"	996	\$348.29	2
7330701	1-1/2"	1483	\$459.37	2
7330801	2"	2050	\$517.39	1

THREADED ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7334101	1/4"	351	\$151.66	6
7334201	3/8"	345	\$151.66	6
7334301	1/2"	335	\$151.66	6
7334401	3/4"	448	\$214.51	4
7334501	1"	704	\$267.51	4
7334601	1-1/4"	996	\$376.08	2
7334701	1-1/2"	1483	\$494.69	2
7334801	2"	2050	\$567.90	1

SOCKET WELD ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7340301	1/2"	335	\$141.58	6
7340401	3/4"	448	\$189.30	4
7340501	1"	704	\$239.80	4
7340601	1-1/4"	996	\$348.29	2
7340701	1-1/2"	1483	\$459.37	2
7340801	2"	2050	\$517.39	1

75 SERIES

**BRONZE BALL VALVE - PAD LOCKING
THREADED ENDS**

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7510101	1/4"	80	\$43.25	10
7510201	3/8"	77	\$43.25	10
7510301	1/2"	70	\$43.25	10
7510401	3/4"	203	\$68.61	10
7510501	1"	183	\$68.61	10
7510601	1-1/4"	348	\$105.30	5
7510701	1-1/2"	423	\$127.35	5
7510801	2"	569	\$151.32	2

THREADED ENDS W/ (-41) AUTOMATIC DRAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7510141	1/4"	80	\$46.37	10
7510241	3/8"	77	\$46.37	10
7510341	1/2"	70	\$46.37	10
7510441	3/4"	203	\$71.67	10
7510541	1"	183	\$74.77	10
7510641	1-1/4"	348	\$116.81	5
7510741	1-1/2"	423	\$136.66	5
7510841	2"	569	\$160.65	2

76 SERIES

CF8M STAINLESS STEEL BALL VALVE

THREADED ENDS W/ MOUNTING PAD DRILLED & TAPPED

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7610101A	1/4"	58	\$66.96	10
7610201A	3/8"	54	\$66.96	10
7610301A	1/2"	63	\$66.96	10
7610401A	3/4"	127	\$110.95	10
7610501A	1"	163	\$135.18	10
7610601	1-1/4"	306	\$257.44	5
7610701	1-1/2"	404	\$269.01	5
7610801	2"	605	\$349.22	2
7610901	2-1/2"	1557	\$1,211.67	1
7610001	3"	1679	\$1,317.34	1

THREADED ENDS - 3 WAY

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7660101A	1/4"	70	\$140.77	6
7660201A	3/8"	66	\$143.45	6
7660301A	1/2"	75	\$140.77	6
7660401A	3/4"	145	\$188.57	6
7660501A	1"	186	\$237.03	6
7660701	1-1/2"	467	\$0.00	5
7660801	2"	702	\$0.00	2

THREADED ENDS W/ (-27) SS LATCH LOCK LEVER

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7610127A	1/4"	58	\$71.51	10
7610227A	3/8"	54	\$71.51	10
7610327A	1/2"	63	\$71.51	10
7610427A	3/4"	127	\$115.52	10
7610527A	1"	163	\$139.74	10
7610627	1-1/4"	307	\$262.06	5
7610727	1-1/2"	399	\$273.59	5
7610827	2"	599	\$353.82	2
7610927	2-1/2"	1557	\$1,225.46	1
7610027	3"	1679	\$1,331.19	1

THREADED ENDS - DOUBLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7630301	1/2"	288	\$362.20	6
7630401	3/4"	381	\$454.35	4
7630501	1"	598	\$622.30	4
7630601	1-1/4"	847	\$809.62	2
7630701	1-1/2"	1261	\$1,088.74	2
7630801	2"	1688	\$1,341.84	1

THREADED ENDS W/ SPRING RETURN HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7650101A	1/4"	126	\$142.39	10
7650201A	3/8"	125	\$142.39	10
7650301A	1/2"	131	\$142.39	10
7650401A	3/4"	198	\$184.33	5
7650501A	1"	235	\$207.19	5
7650601	1-1/4"	396	\$343.75	4
7650701	1-1/2"	478	\$364.07	2
7650801	2"	666	\$451.65	2

76F SERIES

CF8M STAINLESS STEEL BALL VALVE THREADED ENDS - 1000 WOG

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
76F10101	1/4"	47	\$36.91	10
76F10201	3/8"	43.5	\$36.91	10
76F10301A	1/2"	55	\$38.85	10
76F10401A	3/4"	153.5	\$52.44	10
76F10501A	1"	280.5	\$75.76	5
76F10601A	1-1/4"	412	\$97.09	5
76F10701A	1-1/2"	573.5	\$145.64	2
76F10801A	2"	973	\$184.49	2
76F10001A	3"	2240	\$654.21	1

THREADED ENDS - 1000 WOG W/ (-27) SS LATCH LOCK LEVER

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
76F10127	1/4"	47	\$41.46	10
76F10227	3/8"	43.5	\$41.46	10
76F10327A	1/2"	55	\$43.43	10
76F10427A	3/4"	153.5	\$57.02	10
76F10527A	1"	280.5	\$80.30	5
76F10627A	1-1/4"	412	\$101.67	5
76F10727A	1-1/2"	573.5	\$159.24	2
76F10827A	2"	973	\$198.07	2
76F10027A	3"	2274	\$735.99	1

77 SERIES

BRONZE BALL VALVE

THREADED ENDS - FULL PORT - MOUNTING PADS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7710101	1/4"	79	\$28.70	10
7710201	3/8"	75	\$28.70	10
7710301	1/2"	69	\$28.70	10
7710401	3/4"	183	\$52.30	10
7710501	1"	332	\$73.26	5
7710601	1-1/4"	505	\$103.36	5
7710701	1-1/2"	671	\$130.44	2
7710801	2"	1175	\$226.66	2
7710901	2-1/2"	1725	\$589.06	1

SECURE VENT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77101SV	1/4"	10	\$80.88	10
77102SV	3/8"	10	\$80.88	10
77103SV	1/2"	10	\$80.88	10
77104SV	3/4"	10	\$104.93	10
77105SV	1"	10	\$126.28	5
77106SV	1-1/4"	5	\$167.29	5
77107SV	1-1/2"	5	\$194.89	2
77108SV	2"	2	\$313.61	2

THREADED ENDS - FULL PORT - MOUNTING PADS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7714101	1/4"	79	\$39.68	10
7714201	3/8"	75	\$39.68	10
7714301	1/2"	69	\$39.68	10
7714401	3/4"	183	\$74.41	10
7714501	1"	332	\$118.64	10
7714601	1-1/4"	505	\$159.14	5
7714701	1-1/2"	671	\$195.76	2
7714801	2"	1175	\$324.23	2
7714901	2-1/2"	1725	\$915.85	1

THREADED ENDS - FULL PORT - O-RING BOSS - SAE STRAIGHT THREAD

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7790101	1/4"	79	\$33.37	10
7790201	3/8"	75	\$33.37	10
7790301	1/2"	69	\$32.75	10
7790401	3/4"	183	\$60.87	10
7790501	1"	332	\$83.80	5
7790601	1-1/4"	505	\$120.34	5
7790701	1-1/2"	671	\$151.94	2
7790801	2"	1175	\$263.93	1

SOLDER ENDS - FULL PORT - NO PADS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7720401	3/4"	165	\$49.81	10
7720501	1"	299	\$69.45	5
7720601	1-1/4"	455	\$95.27	5
7720701	1-1/2"	604	\$122.88	2
7720801	2"	1058	\$222.27	1
7720901	2-1/2"	1553	\$589.06	1

SOLDER ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7724401	3/4"	165	\$72.00	10
7724501	1"	299	\$117.04	10
7724601	1-1/4"	455	\$152.10	5
7724701	1-1/2"	604	\$189.41	2
7724801	2"	1058	\$321.73	1
7724901	2-1/2"	1553	\$874.58	1

77C-A SERIES BRONZE BALL VALVE THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C10101A	1/4"	60	\$19.92	10
77C10201A	3/8"	55	\$19.92	10
77C10301A	1/2"	64	\$19.92	10
77C10401A	3/4"	100	\$32.48	10
77C10501A	1"	183	\$41.03	5
77C10601A	1-1/4"	420	\$95.78	6
77C10701A	1-1/2"	460	\$127.07	6
77C10801A	2"	790	\$208.50	5
77C10901A	2-1/2"	1,643	\$604.18	1

SOLDER ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C20201A	3/8"	55	\$19.92	10
77C20301A	1/2"	55	\$19.92	8
77C20401A	3/4"	91	\$32.48	10
77C20501A	1"	151	\$41.03	5
77C20601A	1-1/4"	386	\$95.78	6
77C20701A	1-1/2"	590	\$127.07	6
77C20801A	2"	750	\$208.50	4
77C20901A	2-1/2"	1,450	\$615.69	1

THREADED ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C14101A	1/4"	60	\$30.91	10
77C14201A	3/8"	55	\$30.91	10
77C14301A	1/2"	64	\$30.91	10
77C14401A	3/4"	100	\$57.67	10
77C14501A	1"	183	\$69.96	5
77C14601A	1-1/4"	420	\$150.52	5
77C14701A	1-1/2"	460	\$183.73	2
77C14801A	2"	790	\$282.93	2
77C14901A	2-1/2"	1,643	\$813.53	1

SOLDER ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C24201A	3/8"	55	\$31.50	10
77C24301A	1/2"	55	\$30.91	10
77C24401A	3/4"	91	\$57.67	10
77C24501A	1"	151	\$69.96	5
77C24601A	1-1/4"	386	\$150.52	5
77C24701A	1-1/2"	590	\$183.73	2
77C24801A	2"	750	\$282.93	2
77C24901A	2-1/2"	1,450	\$813.53	1

THREADED ENDS W/ (-04) STEM EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C10104A	1/4"	60	\$44.17	1
77C10204A	3/8"	55	\$44.17	1
77C10304A	1/2"	64	\$43.34	1
77C10404A	3/4"	124	\$55.87	1
77C10504A	1"	218	\$64.44	1
77C10604A	1-1/4"	455	\$126.20	1
77C10704A	1-1/2"	503	\$157.48	1
77C10804A	2"	850	\$237.47	1
77C10904A	2-1/2"	1,703	\$650.69	1

SOLDER ENDS W/ (-04) STEM EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C20204A	3/8"	64	\$43.34	1
77C20304A	1/2"	64	\$43.34	1
77C20404A	3/4"	124	\$55.87	1
77C20504A	1"	218	\$64.44	1
77C20604A	1-1/4"	455	\$126.20	1
77C20704A	1-1/2"	503	\$157.48	1
77C20804A	2"	850	\$237.47	1
77C20904A	2-1/2"	1,703	\$650.69	1

THREADED ENDS W/ (-04) STEM EXT. & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C14104A	1/4"	60	\$54.33	1
77C14204A	3/8"	55	\$55.35	1
77C14304A	1/2"	64	\$54.33	1
77C14404A	3/4"	124	\$81.08	1
77C14504A	1"	218	\$93.36	1
77C14604A	1-1/4"	455	\$184.39	1
77C14704A	1-1/2"	503	\$218.26	1
77C14804A	2"	850	\$311.92	1
77C14904A	2-1/2"	1,703	\$861.95	1

SOLDER ENDS W/ (-04) STEM EXT. & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C24204A	3/8"	64	\$54.33	1
77C24304A	1/2"	64	\$54.33	1
77C24404A	3/4"	124	\$81.08	1
77C24504A	1"	218	\$93.36	1
77C24604A	1-1/4"	455	\$180.95	1
77C24704A	1-1/2"	503	\$214.18	1
77C24804A	2"	850	\$311.92	1
77C24904A	2-1/2"	1,703	\$861.95	1

77C-A SERIES

BRONZE BALL VALVE

THREADED ENDS W/ (-11) THERMA-SEAL™ HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C1011A	1/4"	60	\$45.74	1
77C1021A	3/8"	55	\$45.74	1
77C1031A	1/2"	64	\$44.89	1
77C1041A	3/4"	100	\$60.67	1
77C1051A	1"	183	\$70.56	1
77C1061A	1-1/4"	420	\$145.22	1
77C1071A	1-1/2"	460	\$177.07	1
77C1081A	2"	790	\$271.89	1

THREADED ENDS W/ (-27) LATCH LOCK HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C1012A	1/4"	60	\$27.51	10
77C1022A	3/8"	55	\$27.51	10
77C1032A	1/2"	64	\$27.51	10
77C1042A	3/4"	100	\$42.03	10
77C1052A	1"	183	\$50.64	5
77C1062A	1-1/4"	420	\$109.27	6
77C1072A	1-1/2"	460	\$138.46	6
77C1082A	2"	790	\$219.40	5
77C1092A	2-1/2"	1640	\$634.76	1

SOLDER ENDS W/ (-27) LATCH LOCK HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C2022A	3/8"	55	\$28.03	10
77C2032A	1/2"	64	\$28.03	8
77C2042A	3/4"	124	\$42.03	10
77C2052A	1"	218	\$51.61	5
77C2062A	1-1/4"	455	\$109.27	6
77C2072A	1-1/2"	503	\$141.10	6
77C2082A	2"	850	\$223.58	4
77C2092A	2-1/2"	1703	\$627.87	1

THREADED ENDS W/ (-27) LATCH LOCK HANDLE & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C1412A	1/4"	60	\$38.45	10
77C1422A	3/8"	55	\$39.18	10
77C1432A	1/2"	64	\$38.45	10
77C1442A	3/4"	100	\$67.23	10
77C1452A	1"	183	\$79.56	5
77C1462A	1-1/4"	420	\$165.07	6
77C1472A	1-1/2"	460	\$198.86	6
77C1482A	2"	790	\$293.81	5
77C1492A	2-1/2"	1643	\$813.53	1

THREADED ENDS W/ (-11) THERMA-SEAL™ HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C2021A	3/8"	55	\$45.74	1
77C2031A	1/2"	55	\$45.74	1
77C2041A	3/4"	91	\$61.82	1
77C2051A	1"	151	\$70.56	1
77C2061A	1-1/4"	386	\$145.22	1
77C2071A	1-1/2"	590	\$177.07	1
77C2081A	2"	750	\$271.89	1

SOLDER ENDS W/ (-27) LATCH LOCK HANDLE & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C2422A	3/8"	Contact	\$39.18	8
77C2432A	1/2"	64	\$39.18	8
77C2442A	3/4"	124	\$68.51	10
77C2452A	1"	218	\$81.07	5
77C2462A	1-1/4"	455	\$165.07	6
77C2472A	1-1/2"	503	\$198.86	6
77C2482A	2"	850	\$299.41	4
77C2492A	2-1/2"	1703	\$825.71	1

77C-A SERIES

KITS & ADDERS

-04 2-1/4" CS STEM EXT. KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78233201	1/4" - 3/8"	\$7.93
78233301	1/2" - 3/4"	\$9.58
7844301	1" - 1-1/4"	\$12.41
7846901	1-1/2" - 2-1/2"	\$15.15

-07 STEEL TEE HANDLE KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78250801	1/4" - 3/8"	\$4.49
78250901	1/2" - 3/4"	\$4.70
78251001	1" - 1-1/4"	\$5.14
78251101	1-1/2" - 2"	\$6.09

-10 STAINLESS STEEL LEVER & NUT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78263001	1/4" - 3/8"	\$15.94
78263101	1/2" - 3/4"	\$15.94
78263201	1" - 1-1/4"	\$15.94
78263301	1 - 1/2"	\$19.39
78263401	2" - 2-1/2"	\$19.39

-11 THERMA-SEAL™ INSULATING T-HANDLE KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78233001	1/4" - 3/8"	\$15.81
78233101	1/2" - 3/4"	\$15.81
78219101	1" - 1-1/4"	\$15.81
78219201	1-1/2" - 2"	\$22.56

-27 LATCH LOCK LEVER KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78250001	1/4" - 3/8"	\$8.17
78250101	1/2" - 3/4"	\$10.06
78250201	1" - 1-1/4"	\$11.32
78250301	1-1/2" - 2-1/2"	\$11.95

-50 2-1/4" CS LOCKING STEM EXT. KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
Refer to 70LF series	1/4" - 3/8"	N/A
78259601	1/2" - 3/4"	\$35.27
7800201	1" - 1-1/4"	\$35.27
7800301	1-1/2"	\$52.90
7800401	2"	\$52.90

-92 MEMORY STOP

PART NO.	SIZE (IN.)	PRICE EA.
7829501	1/2" - 3/4"	\$3.20
7831801	1" - 1-1/4"	\$3.89
7831901	1-1/2" - 2"	\$3.89

-94 2-1/4" EXT. STEM & BALANCING STOP (MEMORY STOP)

KIT PART NO.	SIZE (IN.)	PRICE EA.
78259701	1/4" - 3/8"	\$28.10
78259801	1/2" - 3/4"	\$28.10
7846701	1" - 1-1/4"	\$15.44
7858501	1-1/2" - 2"	\$18.28

-01 REPLACEMENT HANDLE (YELLOW GRIP)

PART NO.	SIZE (IN.)	PRICE EA.
78249001	1/4" - 3/8"	\$5.04
78249101	1/2" - 3/4"	\$5.46
78249201	1" - 1-1/4"	\$5.76
78249301	1-1/2"	\$6.73
78249401	2" - 2-1/2"	\$7.05

PACKING WRENCH

PART NO.	DESCRIPTION	PRICE EA.
H371400	Domestic Valves	\$10.45
H380700	Apollo International Valves	\$16.72

77C-A SEAL REPAIR KITS

KIT PART NO.	SIZE (IN.)	PRICE EA.
77C00201A	1/4 - 3/8	\$6.77
77C00301A	1/2"	\$6.77
77C00401A	3/4"	\$10.97
77C00501A	1	\$14.07
77C00601A	1-1/4"	\$32.34
77C00701A	1-1/2"	\$42.78
77C00801A	2"	\$73.01
77C00901A	2-1/2"	\$62.02

77CLF-A SERIES

LEAD FREE BRONZE BALL VALVE THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10101A	1/4"	60	\$27.12	10
77CLF10201A	3/8"	55	\$27.12	10
77CLF10301A	1/2"	64	\$27.12	10
77CLF10401A	3/4"	87	\$44.17	10
77CLF10501A	1"	183	\$55.85	5
77CLF10601A	1-1/4"	420	\$130.33	6
77CLF10701A	1-1/2"	650	\$172.91	6
77CLF10801A	2"	790	\$258.13	5
77CLF10901A	2-1/2"	1,712	\$748.02	1

SOLDER ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF20201A	3/8"	49	\$27.64	10
77CLF20301A	1/2"	55	\$27.12	8
77CLF20401A	3/4"	91	\$44.17	10
77CLF20501A	1"	151	\$55.85	5
77CLF20601A	1-1/4"	386	\$130.33	6
77CLF20701A	1-1/2"	590	\$172.91	6
77CLF20801A	2"	1,081	\$258.13	4
77CLF20901A	2-1/2"	1,450	\$748.02	1

THREADED ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF14101A	1/4"	60	\$42.04	10
77CLF14201A	3/8"	55	\$42.04	10
77CLF14301A	1/2"	64	\$42.04	10
77CLF14401A	3/4"	87	\$78.47	10
77CLF14501A	1"	183	\$99.02	5
77CLF14601A	1-1/4"	420	\$213.00	6
77CLF14701A	1-1/2"	650	\$259.96	6
77CLF14801A	2"	790	\$364.33	5
77CLF14901A	2-1/2"	1,712	\$1,007.21	1

SOLDER ENDS W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF24201A	3/8"	55	\$42.84	10
77CLF24301A	1/2"	55	\$42.04	8
77CLF24401A	3/4"	91	\$78.47	10
77CLF24501A	1"	151	\$99.02	5
77CLF24601A	1-1/4"	386	\$213.00	6
77CLF24701A	1-1/2"	590	\$259.96	6
77CLF24801A	2"	1,081	\$364.33	4
77CLF24901A	2-1/2"	1,450	\$1,007.21	1

THREADED ENDS W/ (-04) STEM EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10104A	1/4"	60	\$51.49	1
77CLF10204A	3/8"	55	\$52.69	1
77CLF10304A	1/2"	64	\$51.49	1
77CLF10404A	3/4"	87	\$68.87	1
77CLF10504A	1"	183	\$80.76	1
77CLF10604A	1-1/4"	420	\$163.82	1
77CLF10704A	1-1/2"	650	\$207.22	1
77CLF10804A	2"	790	\$294.07	1
77CLF10904A	2-1/2"	1,712	\$799.53	1

SOLDER ENDS W/ (-04) STEM EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF20204A	3/8"	Contact	\$50.53	1
77CLF20304A	1/2"	64	\$50.53	1
77CLF20404A	3/4"	87	\$67.58	1
77CLF20504A	1"	183	\$79.25	1
77CLF20604A	1-1/4"	420	\$160.76	1
77CLF20704A	1-1/2"	650	\$203.34	1
77CLF20804A	2"	790	\$288.57	1
77CLF20904A	2-1/2"	1,712	\$805.55	1

THREADED ENDS W/ (-04) STEM EXT. & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF14104A	1/4"	60	\$69.36	1
77CLF14204A	3/8"	55	\$67.42	1
77CLF14304A	1/2"	64	\$68.06	1
77CLF14404A	3/4"	87	\$105.95	1
77CLF14504A	1"	183	\$125.73	1
77CLF14604A	1-1/4"	420	\$249.32	1
77CLF14704A	1-1/2"	650	\$297.17	1
77CLF14804A	2"	790	\$403.51	1
77CLF14904A	2-1/2"	1,712	\$1,057.48	1

SOLDER ENDS W/ (-04) STEM EXT. & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF24204A	3/8"	Contact	\$68.86	1
77CLF24304A	1/2"	64	\$68.06	1
77CLF24404A	3/4"	87	\$105.95	1
77CLF24504A	1"	183	\$123.38	1
77CLF24604A	1-1/4"	420	\$249.32	1
77CLF24704A	1-1/2"	650	\$291.62	1
77CLF24804A	2"	790	\$395.97	1
77CLF24904A	2-1/2"	1,712	\$1,086.23	1

77CLF-A SERIES

LEAD FREE BRONZE BALL VALVE THREADED ENDS W/ (-07) TEE HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10107A	1/4"	60	\$35.30	1
77CLF10207A	3/8"	55	\$35.30	1
77CLF10307A	1/2"	64	\$35.30	1
77CLF10407A	3/4"	87	\$52.92	1
77CLF10507A	1"	183	\$64.81	1
77CLF10607A	1-1/4"	420	\$150.29	1
77CLF10707A	1-1/2"	650	\$193.70	1
77CLF10807A	2"	790	\$280.54	1

THREADED ENDS W/ (-10) STAINLESS STEEL LEVER & NUT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10110A	1/4"	60	\$43.58	1
77CLF10210A	3/8"	55	\$43.58	1
77CLF10310A	1/2"	64	\$43.58	1
77CLF10410A	3/4"	87	\$60.97	1
77CLF10510A	1"	183	\$72.85	1
77CLF10610A	1-1/4"	420	\$152.19	1
77CLF10710A	1-1/2"	650	\$195.59	1
77CLF10810A	2"	790	\$282.43	1
77CLF10910A	2-1/2"	1712	\$781.66	1

THREADED ENDS W/ (-11) THERMA-SEAL™ HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10111A	1/4"	60	\$53.09	1
77CLF10211A	3/8"	55	\$53.09	1
77CLF10311A	1/2"	64	\$53.09	1
77CLF10411A	3/4"	87	\$73.76	1
77CLF10511A	1"	183	\$85.64	1
77CLF10611A	1-1/4"	420	\$180.39	1
77CLF10711A	1-1/2"	650	\$223.81	1
77CLF10811A	2"	790	\$325.44	1

THREADED ENDS W/ (-27) LATCH LOCK HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF10127A	1/4"	60	\$35.30	1
77CLF10227A	3/8"	55	\$35.30	1
77CLF10327A	1/2"	64	\$34.64	1
77CLF10427A	3/4"	87	\$53.76	1
77CLF10527A	1"	183	\$65.44	1
77CLF10627A	1-1/4"	420	\$144.43	1
77CLF10727A	1-1/2"	650	\$184.33	1
77CLF10827A	2"	790	\$269.54	1
77CLF10927A	2-1/2"	1,712	\$774.47	1

SOLDER ENDS W/ (-27) LATCH LOCK HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF20227A	3/8"	60	\$32.99	1
77CLF20327A	1/2"	55	\$35.30	1
77CLF20427A	3/4"	91	\$53.76	1
77CLF20527A	1"	151	\$66.68	1
77CLF20627A	1-1/4"	386	\$144.43	1
77CLF20727A	1-1/2"	590	\$187.84	1
77CLF20827A	2"	1,081	\$274.67	1
77CLF20927A	2-1/2"	1,450	\$774.47	1

THREADED ENDS W/ (-27) LATCH LOCK HANDLE & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF14127A	1/4"	60	\$50.50	1
77CLF14227A	3/8"	55	\$50.50	1
77CLF14327A	1/2"	64	\$52.54	1
77CLF14427A	3/4"	87	\$93.31	1
77CLF14527A	1"	183	\$111.07	1
77CLF14627A	1-1/4"	420	\$229.15	1
77CLF14727A	1-1/2"	650	\$277.01	1
77CLF14827A	2"	790	\$383.36	1
77CLF14927A	2-1/2"	1,712	\$786.63	1

SOLDER ENDS W/ (-27) LATCH LOCK HANDLE & 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77CLF24227A	3/8"	60	\$49.10	1
77CLF24327A	1/2"	55	\$52.54	1
77CLF24427A	3/4"	91	\$93.31	1
77CLF24527A	1"	151	\$111.07	1
77CLF24627A	1-1/4"	386	\$229.15	1
77CLF24727A	1-1/2"	590	\$277.01	1
77CLF24827A	2"	1,081	\$383.36	1
77CLF24927A	2-1/2"	1,450	\$786.63	1

THREADED ENDS - SINGLE UNION

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
70LF30301	1/2"	96	\$42.47	10
77CLF30401A	3/4"	134	\$83.45	10
77CLF30501A	1"	236	\$113.42	10
77CLF30601A	1-1/4"	507	\$235.40	5
77CLF30701A	1-1/2"	496	\$278.25	5
77CLF30801A	2"	1006	\$435.75	2

* FOR 1/2" USE FULL PORT 70LF-303-01

77CLF-A SERIES

KITS & ADDERS

-01 REPLACEMENT HANDLE (WHITE GRIP)

PART NO.	SIZE (IN.)	PRICE EA.
78249501	1/4" - 3/8"	\$5.14
78249601	1/2" - 3/4"	\$5.46
78249701	1" - 1-1/4"	\$5.76
78249801	1-1/2"	\$6.73
78249901	2" - 2-1/2"	\$7.05

-04 2-1/4" CS STEM EXT. KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78233201	1/4" - 3/8"	\$7.93
78233301	1/2" - 3/4"	\$9.58
7844301	1" - 1-1/4"	\$12.41
7846901	1-1/2" - 2-1/2"	\$15.15

-07 STEEL TEE HANDLE KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78250801	1/4" - 3/8"	\$4.49
78250901	1/2" - 3/4"	\$4.70
78251001	1" - 1-1/4"	\$5.14
78251101	1-1/2" - 2"	\$6.09

-10 STAINLESS STEEL LEVER & NUT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78263501	1/4" - 3/8"	\$15.94
78263601	1/2" - 3/4"	\$15.94
78263701	1" - 1-1/4"	\$15.94
78263801	1-1/2"	\$19.39
78263901	2" - 2-1/2"	\$19.39

-11 THERMA-SEAL™ INSULATING T-HANDLE KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78233001	1/4" - 3/8"	\$15.81
78233101	1/2" - 3/4"	\$15.81
78219101	1" - 1-1/4"	\$15.81
78219201	1-1/2" - 2"	\$22.56

77C-UL-A SERIES

BRONZE FULL PORT UL TRIM & DRAIN NPT THREADED

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C101ULA	1/4"	60	\$21.25	10
77C102ULA	3/8"	55	\$21.25	10
77C103ULA	1/2"	64	\$21.89	10
77C104ULA	3/4"	124	\$35.01	10
77C105ULA	1"	218	\$43.77	5
77C106ULA	1-1/4"	455	\$102.54	6
77C107ULA	1-1/2"	503	\$129.49	6
77C108ULA	2"	850	\$222.59	5

-27 LATCH LOCK LEVER KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
78260201	1/4" - 3/8"	\$8.32
78260301	1/2" - 3/4"	\$10.06
78260401	1" - 1-1/4"	\$11.53
78260501	1-1/2" - 2-1/2"	\$11.95

-50 2-1/4" CS LOCKING STEM EXT. KIT

KIT PART NO.	SIZE (IN.)	PRICE EA.
Refer to 70LF series	1/4" - 3/8"	N/A
78259601	1-2" - 3/4"	\$35.27
7800201	1" - 1-1/4"	\$35.27
7800301	1-1/2"	\$52.90
7800401	2"	\$52.90

-92 MEMORY STOP

PART NO.	SIZE (IN.)	PRICE EA.
7829501	1/2" - 3/4"	\$3.20
7831801	1" - 1-1/4"	\$3.89
7831901	1-1/2" - 2"	\$3.89

-94 2-1/4" EXT. STEM & BALANCING STOP (MEMORY STOP)

KIT PART NO.	SIZE (IN.)	PRICE EA.
78259701	1/4" - 3/8"	\$28.10
78259801	1/2" - 3/4"	\$28.10
7846701	1" - 1-1/4"	\$15.44
7858501	1-1/2" - 2"	\$18.28

PACKING WRENCH

PART NO.	DESCRIPTION	PRICE EA.
H371400	Domestic Valves	\$10.45
H380700	Apollo International Valves	\$16.72

77CLF-A SEAL REPAIR KITS

KIT PART NO.	SIZE (IN.)	PRICE EA.
77C00201A	1/4 - 3/8	\$6.77
77C00301A	1/2"	\$6.77
77C00401A	3/4"	\$10.97
77C00501A	1	\$14.07
77C00601A	1-1/4"	\$32.34
77C00701A	1-1/2"	\$42.78
77C00801A	2"	\$73.01
77C00901A	2-1/2"	\$62.02

SOLDER

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77C203ULA	1/2"	55	\$21.89	8
77C204ULA	3/4"	91	\$35.01	10
77C205ULA	1"	151	\$43.77	5
77C206ULA	1-1/4"	386	\$102.54	6
77C207ULA	1-1/2"	590	\$129.49	6
77C208ULA	2"	750	\$222.59	4

77G-UL SERIES

UL/CSA LISTED FULL PORT BRONZE BALL VALVE (FUEL GAS)

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
77G103UL	1/2"	63	\$32.00	1
77G104UL	3/4"	87	\$47.81	1
77G105UL	1"	183	\$66.60	1

77W & 77WLF SERIES

PRESS BRONZE BALL VALVE
SEE PRESS VALVE XPV1 PRICE LIST

78 SERIES

CF8M STAINLESS STEEL HYDRAULIC VALVE
SAE O-RING x SOCKET WELD

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7814501	3/4"	200	\$383.81	10
7814601	1"	320	\$431.69	5

78 SERIES

BRONZE BALL VALVE
W/ MOUNTING EARS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7824801	1/4"	68	\$37.39	10
7825001	3/8"	68	\$38.10	10
7825601	1/2"	65	\$38.10	10
7843801	3/4"	140	\$51.15	10

78 SERIES

INSTRUMENTATION BALL VALVE
THREADED END - MALE x FEMALE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7826005	1/8"	20	\$18.34	10
7826105	1/4"	19	\$18.00	10
7826205	1/8"	20	\$18.34	10
7826305	1/4"	19	\$18.34	10

THREADED END - MALE x FEMALE (APOLLO INTERNATIONAL™)

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
94MBV04	1/8"	16	\$13.57	10
94MBV02	1/4"	20	\$13.57	10

78-620 SERIES

BRONZE IRRIGATION VALVE
NPT THREADED W/ AUTO DRAIN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7862101	3/4"	159	\$74.83	10
7862201	1"	192	\$99.10	10
7862301	1-1/4"	357	\$140.00	5
7862401	1-1/2"	468	\$159.41	5
7862501	2"	611	\$220.54	2

78-660 SERIES

BRONZE PURGE & DRAIN - CENTER DRAIN
STANDARD PORT W/ (-10) STAINLESS STEEL LEVER & NUT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7866401	3/4"	153	\$50.84	10
7866501	1"	186	\$63.88	10
7866601	1-1/4"	339	\$109.85	5
7866701	1-1/2"	468	\$120.71	5
7896201	2"	572	\$154.18	2

79 SERIES

REFRIGERATION BALL VALVE FEMALE COPPER TUBE EXTENSIONS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7970101	3/8"	94	\$119.43	1
7970201	1/2"	94	\$119.43	1
7970301	5/8"	94	\$119.43	1
7970401	7/8"	131	\$162.88	1
7970501	1-1/8"	206	\$208.50	1
7970601	1-3/8"	400	\$471.59	1
7970701	1-5/8"	425	\$503.09	1
7970801	2-1/8"	600	\$655.04	1
7970901	2-5/8"	1750	\$1,397.12	1
7960001	3-1/8"	1760	\$1,484.45	1

7K SERIES

BRONZE VALVE - AUTO DRAIN AUTO DRAIN & 1/4" NPT TAPPED DRAIN BOSS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7K10101	1/4"	70	\$30.32	10
7K10201	3/8"	66	\$30.32	10
7K10301	1/2"	73	\$30.32	10
7K10401	3/4"	193	\$61.31	10
7K10501	1"	342	\$85.82	10
7K10601	1-1/4"	515	\$121.13	5
7K10701	1-1/2"	681	\$152.88	5
7K10801	2"	1185	\$300.37	2
7K10901	2-1/2"	1735	\$720.37	1

1/4" NPT TAPPED VENT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7K103SV	1/2"	73	\$81.98	10
7K104SV	3/4"	193	\$112.93	10
7K105SV	1"	342	\$137.47	10
7K106SV	1-1/4"	515	\$183.10	5
7K107SV	1-1/2"	681	\$214.87	5
7K108SV	2"	1185	\$382.94	2

80 SERIES

BRONZE 2-PIECE VALVE - UL (FUEL GAS) THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8010101	1/4"	60	\$24.90	10
8010201	3/8"	56	\$24.90	10
8010301	1/2"	63	\$24.90	10
8010401	3/4"	139	\$37.93	10
8010501	1"	172	\$52.53	10
8010601	1-1/4"	326	\$86.06	5
8010701	1-1/2"	457	\$104.83	5
8010801	2"	556	\$127.14	2
8010901	2-1/2"	1725	\$587.97	1
8010001	3"	1860	\$704.39	1

82 SERIES

BRONZE 3-PIECE VALVE THREADED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8210101	1/4"	102	\$53.49	8
8210201	3/8"	104	\$53.49	8
8210301	1/2"	155	\$60.82	8
8210401	3/4"	227	\$74.62	8
8210501	1"	328	\$97.94	6
8210601	1-1/4"	562	\$140.79	2
8210701	1-1/2"	807	\$182.28	2
8210801	2"	1442	\$333.98	1
8210901	2-1/2"	2661	\$812.43	1
82A14001	3"	4300	\$1,487.30	1
82A14A01	4"	10600	\$2,801.90	1

SOLDER ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8220201	3/8"	99	\$53.49	8
8220301	1/2"	146	\$60.82	8
8220401	3/4"	207	\$74.62	8
8220501	1"	303	\$97.94	6
8220601	1-1/4"	502	\$144.20	2
8220701	1-1/2"	791	\$182.28	2
8220801	2"	1350	\$333.98	1
8220901	2-1/2"	2661	\$738.50	1
82A24001	3"	4300	\$1,487.30	1
82A24A01	4"	10600	\$2,801.90	1

THREADED ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8214101	1/4"	102	\$70.30	8
8214201	3/8"	104	\$70.30	8
8214301	1/2"	153	\$85.91	8
8214401	3/4"	224	\$102.66	8
8214501	1"	323	\$149.43	6
8214601	1-1/4"	568	\$206.03	2
8214701	1-1/2"	804	\$257.67	2
8214801	2"	1437	\$420.79	1
8214901	2-1/2"	2661	\$876.39	1
82A14001	3"	4300	\$1,487.30	1
82A14A01	4"	10600	\$2,801.90	1

SOLDER ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8224201	3/8"	99	\$70.30	8
8224301	1/2"	144	\$85.91	8
8224401	3/4"	204	\$102.66	8
8224501	1"	298	\$149.43	6
8224601	1-1/4"	496	\$206.16	2
8224701	1-1/2"	787	\$257.67	2
8224801	2"	1346	\$420.61	1
8224901	2-1/2"	2661	\$802.48	1
82A24001	3"	4300	\$1,487.30	1
82A24A01	4"	10600	\$2,801.90	1

FULL PORT W/ MALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82203B8	1/2"	166	\$108.87	30
82204A8	3/4"	237	\$119.31	24
82205B7	1"	343	\$153.86	12
82206B7	1-1/4"	552	\$219.16	9
82207B2	1-1/2"	851	\$266.43	6
82208B7	2"	1420	\$382.45	4
82209A2	2-1/2"	2681	\$1,398.77	1

FULL PORT W/ 316 SS BALL & STEM & MALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82243A8	1/2"	166	\$120.58	30
82244B3	3/4"	237	\$147.94	24
82245B1	1"	343	\$206.30	12
82246B0	1-1/4"	552	\$280.95	9
82247B2	1-1/2"	851	\$343.27	6
82248B2	2"	1420	\$470.71	4
82249A2	2-1/2"	2681	\$1,462.68	1

FULL PORT - OXYGEN CLEANED W/ MALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82203K1	1/2"	166	\$120.51	30
82204K1	3/4"	237	\$130.79	24
82205K1	1"	343	\$164.65	16
82206K1	1-1/4"	552	\$233.10	9
82207K1	1-1/2"	851	\$280.39	6
82208K1	2"	1420	\$396.40	2
82209K1	2-1/2"	2681	\$1,440.25	1

FULL PORT - OXYGEN CLEANED W/ 316 SS BALL & STEM & MALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82243K1	1/2"	166	\$132.00	30
82244K1	3/4"	237	\$158.82	24
82245K1	1"	343	\$220.23	16
82246K1	1-1/4"	552	\$294.88	9
82247K1	1-1/2"	851	\$357.21	6
82248K1	2"	1420	\$484.67	4
82249K1	2-1/2"	2681	\$1,504.26	1
82A240K1	3"	4244	\$2,225.61	1
82A24AK1	4"	10650	\$3,220.02	1

82 SERIES

BRONZE 3-PIECE VALVE

FULL PORT W/ FEMALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82203C2	1/2"	170	\$104.71	30
82204C3	3/4"	240	\$128.95	12
82205C2	1"	350	\$164.68	12
82206C1	1-1/4"	560	\$223.35	9
82207B8	1-1/2"	860	\$276.92	6
82208C1	2"	1430	\$418.87	4

FULL PORT - OXYGEN CLEANED W/ FEMALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82203K2	1/2"	170	\$116.41	30
82204K2	3/4"	240	\$140.22	12
82205K2	1"	350	\$175.27	12
82206K2	1-1/4"	560	\$237.23	9
82207K2	1-1/2"	860	\$290.89	6
82208K2	2"	1430	\$432.76	4
82209K2	2-1/2"	2681	\$1,440.24	1
82A240K2	3"	4244	\$2,332.73	1

82 SERIES

MEDICAL GAS BRONZE 3-PIECE VALVE

OXYGEN CLEANED MALE BRAZED EXT. W/ STAINLESS STEEL LOCKING HANDLE

PART NO.	SIZE (IN.)	GAUGE PORT	WT./100	PRICE EA.	PIECES/BOX
82203F1	1/2"	1	187	\$174.40	16
82204F1	3/4"	1	289	\$216.81	12
82205F1	1"	1	419	\$249.94	12
82206F1	1-1/4"	1	714	\$344.23	9
82207F1	1-1/2"	1	1018	\$402.60	6
82208F1	2"	1	1678	\$529.90	4
82209F1	2-1/2"	1	2681	\$1,209.76	1

OXYGEN CLEANED MALE BRAZED EXT. W/ STANDARD LEVER HANDLE

PART NO.	SIZE (IN.)	GAUGE PORT	WT./100	PRICE EA.	PIECES/BOX
82203F2	1/2"	1	187	\$168.79	16
82204F2	3/4"	1	289	\$211.21	12
82205F2	1"	1	419	\$244.36	12
82206F2	1-1/4"	1	714	\$338.59	9
82207F2	1-1/2"	1	1018	\$385.92	6
82208F2	2"	1	1678	\$513.18	4
82209F2	2-1/2"	1	2681	\$1,216.11	1

OXYGEN CLEANED MALE BRAZED EXT. W/ STAINLESS STEEL LOCKING HANDLE & 2 GAUGE PORTS

PART NO.	SIZE (IN.)	GAUGE PORT	WT./100	PRICE EA.	PIECES/BOX
82203F3	1/2"	2	223	\$220.59	16
82204F3	3/4"	2	338	\$284.42	12
82205F3	1"	2	403	\$328.09	12
82206F3	1-1/4"	2	502	\$464.19	9
82207F3	1-1/2"	2	791	\$546.12	6
82208F3	2"	2	1350	\$707.85	4
82209F3	2-1/2"	2	2681	\$1,244.17	1
82A240F3	3"	2	4224	\$3,378.03	1
82A24AF3	4"	2	10060	\$3,823.92	1

82 SERIES

MEDICAL GAS BRONZE 3-PIECE VALVE

OXYGEN CLEANED MALE BRAZED EXT. W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82243K1	1/2	166	\$132.00	30
82244K1	3/4	237	\$158.82	24
82245K1	1	343	\$220.23	16
82246K1	1-1/4	552	\$294.88	9
82247K1	1-1/2	851	\$357.21	6
82248K1	2	1420	\$484.67	4
82249K1	2-1/2	2681	\$1,504.26	1
82A240K1	3	4244	\$2,225.61	1
82A24AK1	4	10650	\$3,220.02	1

OXYGEN CLEANED FEMALE BRAZED EXT.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82203K2	1/2	170	\$116.41	30
82204K2	3/4	240	\$140.22	12
82205K2	1	350	\$175.27	12
82206K2	1-1/4	560	\$237.23	9
82207K2	1-1/2	860	\$290.89	6
82208K2	2	1430	\$432.76	4
82209K2	2-1/2	2681	\$1,440.24	1
82A240K2	3	4244	\$2,332.73	1

82LF SERIES

LEAD FREE BRONZE 3-PIECE VALVE

THREADED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82LF10101	1/4"	104	\$72.91	8
82LF10201	3/8"	102	\$72.91	8
82LF10301	1/2"	155	\$81.95	8
82LF10401	3/4"	227	\$100.16	8
82LF10501	1"	328	\$130.07	6
82LF10601	1-1/4"	562	\$185.57	2
82LF10701	1-1/2"	807	\$227.63	2
82LF10801	2"	1442	\$429.23	1
82LF10901	2-1/2"	2661	\$874.82	1

SOLDER ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82LF20301	1/2"	155	\$81.95	8
82LF20401	3/4"	227	\$100.16	8
82LF20501	1"	328	\$130.07	6
82LF20601	1-1/4"	562	\$185.57	2
82LF20701	1-1/2"	807	\$231.97	2
82LF20801	2"	1442	\$437.41	1
82LF20901	2-1/2"	2661	\$874.82	1

THREADED ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82LF14101	1/4"	104	\$98.09	8
82LF14201	3/8"	102	\$98.09	8
82LF14301	1/2"	155	\$108.69	8
82LF14401	3/4"	227	\$130.07	8
82LF14501	1"	328	\$169.09	6
82LF14601	1-1/4"	562	\$236.73	2
82LF14701	1-1/2"	807	\$302.21	2
82LF14801	2"	1442	\$559.30	1
82LF14901	2-1/2"	2661	\$1,093.53	1

SOLDER ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
82LF24301	1/2"	155	\$106.66	8
82LF24401	3/4"	227	\$130.07	8
82LF24501	1"	328	\$172.31	6
82LF24601	1-1/4"	562	\$241.24	2
82LF24701	1-1/2"	807	\$302.21	2
82LF24801	2"	1442	\$569.96	1
82LF24901	2-1/2"	2661	\$1,093.53	1

83A SERIES

CARBON STEEL 3-PIECE VALVE THREADED END - FULL PORT - 1500 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83A14101	1/4"	230	\$106.95	8
83A14201	3/8"	230	\$106.95	8
83A14301	1/2"	230	\$130.05	8
83A14401	3/4"	360	\$172.63	6
83A14501	1"	570	\$215.24	4
83A14601	1-1/4"	1430	\$292.46	2
83A14701	1-1/2"	1430	\$381.57	2
83A14801	2"	2760	\$495.55	1
83R14001*	3"	4115	\$2,051.23	1

SOCKET WELD END - FULL PORT - 1500 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83A24101	1/4"	230	\$106.95	8
83A24201	3/8"	230	\$106.95	8
83A24301	1/2"	230	\$130.05	8
83A24401	3/4"	400	\$172.63	6
83A24501	1"	570	\$215.24	4
83A24601	1-1/4"	1420	\$292.46	2
83A24701	1-1/2"	1438	\$374.44	2
83A24801	2"	2760	\$495.55	1
83R24001*	3"	4036	\$2,051.23	1

83B SERIES

CARBON STEEL 3-PIECE VALVE (ANSI B16.34) THREADED END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83B14101	1/4"	230	\$148.28	8
83B14201	3/8"	230	\$148.28	8
83B14301	1/2"	230	\$153.83	8
83B14401	3/4"	360	\$212.10	6
83B14501	1"	570	\$278.79	4
83B14601	1-1/4"	1438	\$353.10	2
83B14701	1-1/2"	1438	\$484.35	2
83B14801	2"	2760	\$883.79	1

SOCKET WELD END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83B24101	1/4"	230	\$148.28	8
83B24201	3/8"	230	\$148.28	8
83B24301	1/2"	230	\$153.83	8
83B24401	3/4"	360	\$212.10	6
83B24501	1"	570	\$278.79	4
83B24601	1-1/4"	1438	\$353.10	2
83B24701	1-1/2"	1438	\$484.35	2
83B24801	2"	2760	\$883.79	1

BUTTWELD END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83A54301	1/2"	230	\$138.83	8
83A54401	3/4"	360	\$184.56	6
83A54501	1"	570	\$230.71	4
83A54701	1-1/2"	1438	\$401.80	2
83A54801	2"	2760	\$541.12	1

BUTTWELD END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83B54301	1/2"	230	\$163.04	8
83B54401	3/4"	360	\$224.77	6
83B54501	1"	570	\$295.44	4
83B54701	1-1/2"	1438	\$504.58	2
83B54801	2"	2760	\$919.94	1

83R SERIES

CARBON STEEL 3-PIECE VALVE

THREADED END - FULL PORT - 800 LB. W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83R14701	1-1/2"	754	\$346.87	2
83R14801	2"	1302	\$459.08	1
83R14001	3"	4115	\$2,051.23	1

SOCKET WELD END - FULL PORT - 800 LB. W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
83R24701	1-1/2"	727	\$346.87	2
83R24801	2"	1251	\$459.08	1
83R24001	3"	4036	\$2,051.23	1

86A SERIES

STAINLESS STEEL 3-PIECE VALVE

THREADED END - FULL PORT - 1500 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86A10101	1/4"	230	\$191.25	8
86A10201	3/8"	230	\$191.25	8
86A10301	1/2"	230	\$212.07	8
86A10401	3/4"	360	\$305.85	6
86A10501	1"	570	\$367.04	4
86A10601	1-1/4"	1438	\$436.36	2
86A10701	1-1/2"	1438	\$570.96	2
86A10801	2"	2760	\$754.49	1
86R10001*	3"	4115	\$1,955.25	1

SOCKET WELD END - FULL PORT - 1500 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86A20101	1/4"	230	\$191.25	8
86A20201	3/8"	230	\$191.25	8
86A20301	1/2"	230	\$212.07	8
86A20401	3/4"	398	\$305.85	6
86A20501	1"	570	\$367.04	4
86A20601	1-1/4"	1452	\$436.36	2
86A20701	1-1/2"	1438	\$570.96	2
86A20801	2"	2760	\$754.49	1
86R20001*	3"	4036	\$1,955.23	1

BUTTWELD END - FULL PORT - 1500 LB. (SCH40)

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86A50301	1/2"	230	\$223.99	8
86A50401	3/4"	360	\$323.50	6
86A50501	1"	570	\$389.77	4
86A50701	1-1/2"	1438	\$605.41	2
86A50801	2"	2760	\$816.06	1

86B SERIES

STAINLESS STEEL 3-PIECE VALVE (ANSI B16.34)

THREADED END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86B10101	1/4"	230	\$214.63	8
86B10201	3/8"	230	\$214.63	8
86B10301	1/2"	230	\$244.08	8
86B10401	3/4"	360	\$350.64	6
86B10501	1"	570	\$414.84	4
86B10601	1-1/4"	1438	\$524.59	2
86B10701	1-1/2"	1438	\$701.82	2
86B10801	2"	2760	\$1,226.61	1

SOCKET WELD END - FULL PORT - CLASS 600

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86B20101	1/4"	230	\$214.63	8
86B20201	3/8"	230	\$214.63	8
86B20301	1/2"	230	\$244.10	8
86B20401	3/4"	360	\$344.09	6
86B20501	1"	570	\$407.09	4
86B20601	1-1/4"	1438	\$524.60	2
86B20701	1-1/2"	1438	\$688.71	2
86B20801	2"	2760	\$1,203.68	1

BUTTWELD END - FULL PORT - CLASS 600 (SCH40)

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86B50301	1/2"	230	\$256.60	8
86B50401	3/4"	360	\$362.43	6
86B50501	1"	570	\$430.57	4
86B50701	1-1/2"	1438	\$725.44	2
86B50801	2"	2760	\$1,273.80	1

86R SERIES

STAINLESS STEEL 3-PIECE VALVE

THREADED END - FULL PORT - 800 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86R10801	2"	1273	\$732.24	1
86R10001	3"	4115	\$1,955.25	1

SOCKET WELD END - FULL PORT - 800 LB.

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
86R20801	2"	1242	\$732.24	1
86R20001	3"	4036	\$1,955.23	1

83A, 83B, 86A, 86B SERIES

ADDERS

-04 2-1/4" STEM EXTENSION

SIZE (IN.)	PRICE EA.
1/4" - 3/4"	\$84.99
1" - 2"	\$121.18

-14 VENTED BALL (UNIDIRECTIONAL)

SIZE (IN.)	PRICE EA.
1/4" - 1-1/2"	\$5.50
2"	\$7.31

-15 ROUND HANDLE

SIZE (IN.)	PRICE EA.
1/4" - 3/4"	\$60.05
1" - 2"	\$86.03

-21 UHMWPE TRIM - B SERIES ONLY

SIZE (IN.)	PRICE EA.
1/4" - 3/4"	\$22.01
1" - 1-1/4"	\$37.43
1-1/2" - 2"	\$38.01

-24 GRAPHITE STEM PACKING B SERIES ONLY

SIZE (IN.)	PRICE EA.
1/4"	\$6.45
3/8"	\$6.45
1/2"	\$9.06
3/4"	\$10.29
1"	\$12.83
1-1/4"	\$14.12
1-1/2"	\$15.37
2"	\$23.00

-38 PEEK SEATS, GRAPHITE STEM PACKING & GASKETS - B SERIES ONLY

SIZE (IN.)	PRICE EA.
1/4" - 1/2"	\$225.77
3/4"	\$231.55
1"	\$311.11
1-1/4" - 1-1/2"	\$570.32
2"	\$759.80

-49 ASSEMBLED DRY

SIZE (IN.)	PRICE EA.
NPT/SW	No Charge

-57 CLEANED FOR OXYGEN SERVICE (SS ONLY)

SIZE (IN.)	PRICE EA.
1/4" - 2"	\$12.83

-60 GROUNDED BALL/STEM-A SERIES (STANDARD ON 83B & 86B)

SIZE (IN.)	PRICE EA.
1/4" - 2"	\$7.29

-62 CENTER SECTION ONLY CONSULT CUSTOMER SERVICE

-63 NPT x SW

SIZE (IN.)	PRICE EA.
All Sizes	No Charge

-66 NPT x BUTTWELD (83A/B)

SIZE (IN.)	PRICE EA.
1/4"	\$3.01
1/2"	\$3.01
3/4"	\$4.14
1"	\$5.44
1-1/4"	N/A
1-1/2"	\$9.65
2"	\$17.27

-67 CLEANED FOR INDUSTRIAL GASES (CS ONLY)

SIZE (IN.)	PRICE EA.
1/4" - 2"	\$13.31

-69 DRILLED/TAPPED PURGE & DRAINS

SIZE (IN.)	PRICE EA.
1/4" - 1"	\$152.67
1-1/2"	\$174.50
2"	\$185.37

-70 4" EXTENDED BONNET

SIZE (IN.)	PRICE EA.
1/4" - 1"	\$392.59
1-1/4" - 1-1/2"	\$479.84
2"	\$512.53

-76 LIVE LOAD LEVER

SIZE (IN.)	PRICE EA.
0.25" - 1"	\$74.04
1-1/4" - 1/1/2"	\$135.03
2"	\$148.42

-77 LIVE LOADED (GEAR/AUTOMATION)

SIZE (IN.)	PRICE EA.
1/4" - 1"	\$10.55
1-1/4" - 1-1/2"	\$18.36
2"	\$20.19

-90 EXT. BONNET W/ DOUBLE PACKING

SIZE (IN.)	PRICE EA.
1/4" - 1"	\$775.94
1-1/2"	\$996.14
2"	\$1,101.02

-9P EXT. BONNET W/ DOUBLE PACKING & PORT

SIZE (IN.)	PRICE EA.
1/2" - 1"	\$853.27
1-1/2"	\$1,073.48
2"	\$1,178.35

-SR SPRING RETURN HANDLE

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	78206100	\$122.41
3/4"	78206200	\$125.20
1"	78206300	\$179.59

**83A, 83B, 86A, 86B SERIES
REPLACEMENT SEAL KITS**

83A / 86A

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	83A00301	\$40.24
3/4"	83A00401	\$44.87
1"	83A00501	\$46.58
1-1/4"	83A00701	\$81.53
1-1/2"	83A00701	\$81.53
2"	83A00801	\$116.54

83B / 86B

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	83B00301	\$88.85
3/4"	83B00401	\$93.31
1"	83B00501	\$105.53
1-1/4"	83B00701	\$117.05
1-1/2"	83B00701	\$117.05
2"	83B00801	\$159.41

APOLLO® FLANGED END BALL VALVES

- Valves are supplied with lever operators as standard. (Sizes 1/2"-6")
- Full Port Valves 8", 10", 12" come with bare stem - Gear Operator strongly suggested (see Options Pricing).
- Regular Port Valves 10" come with bare stem - Gear Operator strongly suggested (see Options Pricing).
- Regular Port Valves 2-1/2" - 10" are split-body design for easy repair.
- Valves with lever operators are standard with Lock Plate (Previously-19 Option).
- Valves with lever operators have grounded ball and stem as standard (Previously -60 Option).
- All valve sizes have RPTFE/PTFE seats and packing as standard. For API 607 4th Ed. Firesafe, -24 Option must be specified, on all sizes.

87A SERIES

CF8M STAINLESS STEEL VALVE - ASME CLASS

87A-1: 150 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87A10701A	1-1/2"	9	\$890.89	1
87A10801	2"	18	\$1,088.14	1
87A10901	2-1/2"	27	\$1,416.54	1
87A10001	3"	34.3	\$1,736.33	1
87A10A01	4"	73	\$2,465.27	1
87A10C01	6"	117	\$5,149.33	1
87A10E01	8"	310.3	\$9,155.79	1
87A10G01	10"	525.8	\$15,700.90	1

87A-7: 300 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87A70701A	1-1/2"	15.7	\$1,027.34	1
87A70801	2"	24.4	\$1,122.14	1
87A70901	2-1/2"	26	\$2,231.99	1
87A70001	3"	54.5	\$2,587.84	1
87A70A01	4"	95	\$3,746.63	1
87A70C01	6"	187	\$7,177.17	1
87A70E01	8"	399.2	\$13,699.40	1
87A70G01	10"	704	\$27,451.43	1

87A-2: 150 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87A20301	1/2"	3.35	\$305.74	1
87A20401	3/4"	4.6	\$387.29	1
87A20501	1"	7	\$465.18	1
87A20701	1-1/2"	14.3	\$1,173.66	1
87A20801	2"	25	\$1,472.39	1
87A20901	2-1/2"	30	\$1,913.47	1
87A20001	3"	60	\$2,108.36	1
87A20A01	4"	91	\$3,162.65	1
87A20C01	6"	247.5	\$7,836.70	1
87A20E01	8"	467	\$11,791.92	1
87A20G01	10"	790	\$17,197.66	1
87A20H01	12"	1300	\$37,826.62	1

87A-9: 300 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87A90301	1/2"	6	\$545.76	1
87A90401	3/4"	9	\$642.12	1
87A90501	1"	10.5	\$813.30	1
87A90701	1-1/2"	21	\$1,637.30	1
87A90801	2"	37	\$1,883.49	1
87A90901	2-1/2"	50	\$3,006.58	1
87A90001	3"	78	\$3,189.05	1
87A90A01	4"	133	\$4,355.45	1
87A90C01	6"	329.2	\$11,434.23	1
87A90E01	8"	600	\$14,914.84	1
87A90G01	10"	944	\$33,642.84	1
87A90H01	12"	1542	\$39,690.24	1

87A SERIES

ALLOY 20 - ASME CLASS

87A-5: 150 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87A50301	1/2"	3.2	POA	1
87A50401	3/4"	4.6	POA	1
87A50501	1"	7	POA	1
87A50701	1-1/2"	18.2	POA	1
87A50801	2"	26.4	POA	1
87A50001	3"	58.3	POA	1
87A50A01	4"	98	POA	1
87A50C01	6"	247.5	POA	1

87B SERIES

CF8M STAINLESS STEEL UNIBODY VALVE - ASME CLASS

87B-1: 150 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87B10001	3"	43	\$1,769.41	1
87B10A01	4"	72	\$2,512.23	1
87B10C01	6"	110	\$5,149.33	1
87B10E01	8"	210	\$9,155.79	1
87B10G01	10"	350	\$15,700.90	1

88A SERIES

CARBON STEEL VALVE - ASME CLASS

88A-1: 150 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A10701A	1-1/2"	9	\$587.72	1
88A10801	2"	18	\$657.43	1
88A10901	2-1/2"	27	\$920.65	1
88A10001	3"	44	\$1,003.57	1
88A10A01	4"	73	\$1,754.75	1
88A10C01	6"	117	\$3,110.44	1
88A10E01	8"	310.3	\$6,687.19	1
88A10G01	10"	525.8	\$11,934.52	1

88A-1: 150 FLANGED ENDS - STANDARD PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A14701A	1-1/2"	9	\$629.78	1
88A14801	2"	18	\$699.37	1
88A14901	2-1/2"	27	\$951.90	1
88A14001	3"	44	\$1,146.37	1
88A14A01	4"	73	\$1,887.00	1
88A14C01	6"	117	\$4,117.62	1
88A14E01	8"	310.3	\$8,756.79	1
88A14G01	10"	525.8	\$15,107.46	1

88A-2: 150 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A20301	1/2"	3.35	\$256.73	1
88A20401	3/4"	4.6	\$320.93	1
88A20501	1"	7	\$367.98	1
88A20701	1-1/2"	14.3	\$716.31	1
88A20801	2"	25	\$745.41	1
88A20901	2-1/2"	30	\$1,110.54	1
88A20001	3"	60	\$1,310.02	1
88A20A01	4"	91	\$2,074.46	1
88A20C01	6"	247.5	\$4,040.66	1
88A20E01	8"	467	\$7,460.46	1
88A20G01	10"	790	\$16,656.05	1
88A20H01	12"	1300	\$23,566.65	1

88A-2: 150 FLANGED ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A24301	1/2"	3.35	\$288.81	1
88A24401	3/4"	4.6	\$342.31	1
88A24501	1"	7	\$391.80	1
88A24701	1-1/2"	14.3	\$725.95	1
88A24801	2"	25	\$766.61	1
88A24901	2-1/2"	30	\$1,326.87	1
88A24001	3"	60	\$1,344.50	1
88A24A01	4"	91	\$2,105.70	1
88A24C01	6"	247.5	\$4,781.02	1
88A24E01	8"	467	\$9,756.13	1
88A24G01	10"	790	\$17,625.22	1
88A24H01	12"	1300	\$28,692.87	1

88A-7: 300 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A70701A	1-1/2"	15.7	\$802.32	1
88A70801	2"	24.4	\$865.82	1
88A70901	2-1/2"	26	\$1,497.65	1
88A70001	3"	54.5	\$1,725.86	1
88A70A01	4"	95	\$2,599.65	1
88A70C01	6"	187	\$4,600.76	1
88A70E01	8"	399.2	\$7,992.43	1
88A70G01	10"	704	\$14,321.39	1

88A-7: 300 FLANGED ENDS - STANDARD PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A74701A	1-1/2"	15.7	\$887.88	1
88A74801	2"	24.4	\$959.08	1
88A74901	2-1/2"	26	\$1,604.61	1
88A74001	3"	54.5	\$1,947.65	1
88A74A01	4"	95	\$2,886.30	1
88A74C01	6"	187	\$5,232.94	1
88A74E01	8"	265	\$8,953.90	1
88A74G01	10"	401	\$16,725.15	1

88A SERIES

CARBON STEEL VALVE - ASME CLASS

88A-9: 300 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A90301	1/2"	6	\$325.78	1
88A90401	3/4"	9	\$359.45	1
88A90501	1"	10.5	\$494.22	1
88A90701	1-1/2"	21	\$1,067.07	1
88A90801	2"	37	\$1,235.57	1
88A90901	2-1/2"	50	\$1,620.18	1
88A90001	3"	78	\$1,909.51	1
88A90A01	4"	133	\$2,695.78	1
88A90C01	6"	329.2	\$7,413.39	1
88A90E01	8"	600	\$10,581.99	1
88A90G01	10"	944	\$21,561.20	1
88A90H01	12"	1542	\$25,860.97	1

88A-9: 300 FLANGED ENDS - FULL PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88A94301	1/2"	6	\$348.22	1
88A94401	3/4"	9	\$393.16	1
88A94501	1"	10.5	\$550.38	1
88A94701	1-1/2"	21	\$1,179.42	1
88A94801	2"	37	\$1,404.08	1
88A94901	2-1/2"	50	\$1,890.25	1
88A94001	3"	78	\$2,134.19	1
88A94A01	4"	133	\$3,145.10	1
88A94C01	6"	329.2	\$8,312.00	1
88A94E01	8"	600	\$11,452.79	1
88A94G01	10"	944	\$23,642.55	1
88A94H01	12"	1542	\$30,889.86	1

88B SERIES

CARBON STEEL UNIBODY VALVE - ASME CLASS

88B-1: 150 FLANGED ENDS - STANDARD PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88B10001	3"	43	\$1,003.57	1
88B10A01	4"	72	\$1,754.75	1
88B10C01	6"	110	\$3,110.44	1
88B10E01	8"	210	\$6,687.19	1
88B10G01	10"	350	\$11,934.52	1

88B-1: 150 FLANGED ENDS - STANDARD PORT W/ 316 SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88B14001	3"	43	\$1,168.20	1
88B14A01	4"	72	\$1,887.00	1
88B14C01	6"	110	\$4,117.62	1
88B14E01	8"	210	\$8,756.79	1
88B14G01	10"	350	\$15,107.46	1

FLANGED VALVE

ADDERS

-04 2-1/4" CS EXTENDED STEM 87A, 87B/88A, 88B

STANDARD PORT	FULL PORT	ADDER
1" - 1-1/4"	-	\$43.77
1-1/2" - 2"	-	\$46.13
	1/2" - 3/4"	\$73.42
1-1/2" - 3"	1" - 2-1/2"	\$104.87

-10 STAINLESS STEEL LEVER & NUT 88A/88B

SIZE (IN.)	ADDER
1/2" - 1"	\$6.55
1-1/2" - 2-1/2"	\$9.80

-12 STAMPED "157 SWP" AND BAGGED ADD \$2.48 TO LIST

-13 STAMPED "157 SWP"
1/2" - 1": ADD \$1.51 TO LIST
1-1/4" - 2": ADD \$2.45 TO LIST

-14 VENTED BALL (UNIDIRECTIONAL) MUST HAVE STAINLESS STEEL BALL & STEM

SIZE (IN.)	ADDER
thru 1-1/2"	\$5.22
2"	\$6.98
3", 4", 6" Valves	\$57.83
8", 10", 12" Valves	\$92.50

-15 ROUND HANDLE FOR FLANGED VALVES

	SIZE (IN.)	ADDER
Standard Port	1-1/2"	\$71.13
	2" - 2-1/2"	\$116.47
Full Port	1/2" - 1"	\$74.50
	1-1/2" - 2-1/2"	\$116.47

-21 UHMWPE SEATS & GRAPHITE STEM PACKING

87A/87B-100 | 87A-200 | 88A/88B-100 | 88A-200

STANDARD	FULL PORT	ADDER
1/2" - 1"	-	\$20.95
1-1/2" - 2-1/2"	1"	\$35.64
3"	1-1/2" - 2-1/2"	\$36.19
4"	-	\$102.79
6"	-	\$144.72
-	3"	\$121.64
-	4"	\$192.96
8"	6"	\$388.01
10"	8"	\$964.77
-	10"	\$1,447.19
-	12"	\$2,244.18

-24 GRAPHITE STEM PACKING FLANGED

SIZE (IN.)	ADDER
1/2" - 1"	\$6.98
1-1/2" - 2-1/2"	\$13.91
3" - 4"	\$20.95
6" - 12"	\$41.95

-35 VIRGIN TFE (PTFE) TRIM 87A/B | 88A/B

SIZE (IN.)	ADDER
1/2" - 1"	\$0.88
1-1/2" - 2"	\$1.70
2-1/2" - 4"	\$2.65
6"	\$41.95
8" & up	\$104.87

-38 PEEK SEATS, GRAPHITE STEM PACKING & GASKETS

87A | 88A

STANDARD PORT	FULL PORT	LIST ADDER
--	1/2"	477.98
--	3/4"	500.17
1-1/2"	1"	542.49
2"	1-1/2"	955.91
2-1/2"	2"	1004.34
3"	2-1/2"	1486.31
4"	3"	1948.15
6"	4"	2992.77

-49 ASSEMBLED DRY

SIZE (IN.)	ADDER
1/2" - 2"	\$10.93
2-1/2" - 6"	\$32.71

-57 CLEANED FOR OXYGEN SERVICE STAINLESS STEEL ONLY

SIZE (IN.)	ADDER
1/2" - 2"	\$12.21
2-1/2" - 6"	\$36.49
8", 10", 12"	\$115.63

-59 STAINLESS STEEL BOLTING (88A)

SIZE (IN.)	STANDARD PORT	FULL PORT
1/2" - 2"	N/A	\$31.15
2-1/2" - 3"	40.90	\$51.91
4"	40.90	\$72.71
6"	57.25	\$93.48
8"	73.61	\$311.58
10"	245.37	\$415.45
12"	N/A	\$519.29

-65 MULTIFILL PTFE SEATS, GRAPHITE SEALS & PACKING

87/88B-100 | 87/88A -200/900 | 87A/88A-100/700

FULL PORT	STANDARD PORT	ADDER
1/2"	--	\$10.72
3/4"	--	\$10.72
1"	1-1/2"	\$17.38
1-1/2"	2"	\$17.38
2"	2-1/2"	\$20.23
2-1/2"	3"	\$20.23
3"	4"	\$33.48
4"	6"	\$50.82
6"	8"	\$177.91
8"	10"	\$724.04
10"	--	\$1,405.98
12"	--	\$1,551.17

-67 CLEANED FOR INDUSTRIAL GASES

SIZE (IN.)	ADDER
1/2" - 2"	\$12.09
2-1/2" - 6"	\$34.92
8", 10", 12"	\$110.65

-69 DRILLED/TAPPED PURGE & DRAINS 87A/88A

SIZE (IN.)	ADDER
1/2" - 1"	\$145.39
1-1/2"	\$166.18
2"	\$176.53
2-1/2"	\$207.70
3"	\$218.09
4"	\$228.49
6"	\$311.58
8"	\$477.75
10"	\$913.94
12"	P.O.A.

FLANGED VALVE

ADDERS

-70 4" EXTENDED BONNET W/ PTFE TRIM 87A/88A-100/700

	STANDARD PORT	ADDER
1-1/2"	78208701	\$485.23
2"	78208901	\$593.06
2-1/2" - 3"	78209101	\$633.49
4" - 6"	78195201	\$795.87
8" - 10"	78195401	\$1,728.07

87A/88A-200/900

	FULL PORT	ADDER
1/2"	78193801	\$462.13
3/4"	78194201	\$462.13
1"	78208701	\$485.23
1-1/2"	78208901	\$593.06
2" & 2-1/2"	78209101	\$633.49
3" & 4"	78195201	\$795.87
6" & 8"	78195401	\$1,728.07

-73 SPIRAL WOUND GASKETS 316SS W/ PTFE FILLER

87A/88A-100/700 | 87b/88b-100

STANDARD PORT	ADDER
1"	\$17.87
1-1/2"	\$17.87
2"	\$17.87
2-1/2"	\$17.87
3"	\$17.87
4"	\$26.76
6"	\$35.71
8"	\$62.54
10"	\$89.29
12"	--

87A/88A-200/900

FULL PORT	ADDER
1"	\$20.76
1-1/2"	\$20.76
2"	\$20.76
2-1/2"	\$20.76
3"	\$31.15
4"	\$41.55
6"	\$72.71
8"	\$103.86
10"	\$186.95
12"	\$207.70

-76 LIVE LOAD FOR MANUAL-FLANGED 87A/88A-100/700 | 87B/88B-100

STANDARD PORT	ADDER
1"	\$18.94
1-1/2"	\$19.61
2"	\$19.61
2-1/2"	\$19.61
3"	\$19.61
4"	\$29.37
6"	\$39.19

87A/88A-200/900

FULL PORT	ADDER
1-1/2" - 1"	\$74.04
1-1/4" - 1-1/2"	\$135.03
2" - 2-1/2"	\$148.42
3" - 4"	\$227.45
6" - 8"	\$311.47
10" - 12"	\$399.34

-77 LIVE LOAD FOR AUTOMATED-FLANGED 87A/88A-100/700 | 87B/88B-100

STANDARD PORT	ADDER
1-1/2" - 2"	\$18.36
2-1/2" - 3"	\$20.19
4" - 6"	\$30.91
8" - 10"	\$70.05
12"	NA

87A/88A-200/900

FULL PORT	ADDER
1/2" - 1"	\$10.55
1-1/4" - 1-1/2"	\$18.36
2" - 2-1/2"	\$20.19
3" - 4"	\$30.91
6" - 8"	\$70.05
10" - 12"	\$95.30

-80 MULTISEAL SEATS 87A/87B | 88A/88B

STANDARD PORT	FULL PORT	ADDER
1-1/2" - 2-1/2"	1/2" - 2"	\$10.38
3"	2-1/2"	\$20.76
4"	3"	\$20.76
6"	4"	\$20.76
8"	6"	\$321.97
10"	8"	\$415.45
	10"	\$566.29
	12"	\$669.79

FLANGED VALVE

ADDERS

-82 FLAT FACE FLANGES

87A | 88A

STANDARD PORT	ADDER	FULL PORT	ADDER
-	-	1/2"	\$76.33
-	-	3/4"	\$76.33
-	-	1"	\$101.77
1-1/2"	\$101.77	1-1/2"	\$101.77
2"	\$152.59	2"	\$152.59
2-1/2"	\$152.59	2-1/2"	\$152.59
3"	\$305.26	3"	\$305.26
4"	\$305.26	4"	\$305.26
6"	\$459.00	6"	\$606.52
8"	\$610.49	8"	\$813.96
10"	\$924.97	10"	\$1,017.47
-	-	12"	\$1,220.96

-90 EXTENDED BONNET W/ DOUBLE PACKING

87A/88A-100/700

	STANDARD PORT	ADDER
1-1/2"	78209401	\$959.08
2"	78209601	\$1,231.24
2-1/2" - 3"	78209801	\$1,360.89
4" - 6"	78196601	\$1,499.68
8" - 10"	78196801	\$3,230.07

87A/88A-200/900

	FULL PORT	ADDER
1/2"	78195601	\$853.65
3/4"	78195801	\$853.65
1"	78209401	\$959.08
1-1/2"	78209601	\$1,231.24
2" - 2-1/2"	78209801	\$1,360.89
3" - 4"	78196601	\$1,499.68
6" - 8"	78196801	\$3,230.07

-9P EXT. BONNET W/ DOUBLE PACKING & PORT

87A/88A-100/700

	ADDER
1-1/2"	\$837.05
2"	\$1,052.63
2-1/2" & 3"	\$1,155.33
4" & 6"	\$1,411.99
8" & 10"	\$2,951.96

87A/88A-200/900

	ADDER
1/2"	\$837.05
3/4"	\$837.05
1"	\$837.05
1-1/2"	\$1,052.63
2" & 2-1/2"	\$1,155.33
3" & 4"	\$1,411.99
6" & 8"	\$2,951.96

-EF GRAPHITE, LOW FUGITIVE EMISSIONS SYSTEM

Class 150: 87A-1/88A-1 | 87A-2/88A-2

Class 300: 87A-7/88A-7 | 87A-9/88A-9

STANDARD PORT	FULL PORT	ADDER
1-1/2"	1"	\$42.28
2"	1-1/2"	\$75.49
2-1/2" - 3"	2" - 2-1/2"	\$104.74
4" - 6"	3" - 4"	\$195.34
8" - 10"	6" - 8"	\$390.58
-	10" - 12"	\$660.63

-MG W/ STANDARD HANDWHEEL

150/300 CLASS

SIZE (IN.)	STD PORT	FULL PORT
1.5, 2, 2.5	\$611.50	\$611.50
3	\$713.43	\$713.28
4	\$733.82	\$937.63
6	\$937.63	\$1,304.55
8	\$1,304.55	\$1,406.48
10	\$1,406.48	\$2,731.43
12		\$2,731.43

-MH W/ STANDARD HANDWHEEL & LOCKING DEVICE

150/300 CLASS

SIZE (IN.)	STD PORT	FULL PORT
1.5, 2, 2.5	\$748.41	\$748.41
3	\$876.48	\$876.48
4	\$896.86	\$1,100.73
6	\$1,100.73	\$1,488.00
8	\$1,487.56	\$1,661.29
10	\$1,579.71	\$2,904.66
12		\$2,904.66

FLANGED VALVE

SEAL KITS

-01 VALVES ONLY

87A/B | 88A/B

STANDARD PORT	FULL PORT	KIT NUMBER	LIST PRICE
-	1"	87A-025-01	32.14
1-1/2	-	87A-017-01	25.71
-	1-1/2"	87A-027-01	36.41
2	-	87A-018-01	38.53
2-1/2	2"	87A-028-01	74.93
3	2-1/2"	87A-029-01	81.39
4	3"	87A-020-01	128.49
6"	4"	87A-02A-01	171.34
8"	6"	87A-02C-01	385.47
10"	8"	87A-02E-01	652.44
-	10"	87A-02G-01	2398.54
-	12"	87A-02H-01	2527.03

87A-F SERIES

STAINLESS STEEL VALVE - ASME CLASS
600 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
87AF05XX	1"	13	\$1,090.66	1
87AF07XX	1.5"	32	\$1,908.65	1
87AF08XX	2"	53	\$2,412.49	1
87AF09XX	2.5"	65	\$3,503.14	1
87AF00XX	3"	101	\$3,713.56	1
87AF0AXX	4"	194	\$5,073.92	1
87AF0CXX	6"	500	\$13,316.08	1
87AF0EXX	8"	920	\$17,367.50	1

88A-F SERIES

CARBON STEEL VALVE - ASME CLASS
600 FLANGED ENDS - FULL PORT

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88AF05XX	1"	13	\$838.92	1
88AF07XX	1.5"	32	\$1,184.79	1
88AF08XX	2"	53	\$1,316.44	1
88AF09XX	2.5"	65	\$1,553.41	1
88AF00XX	3"	101	\$1,671.88	1
88AF0AXX	4"	194	\$3,835.08	1
88AF0CXX	6"	500	\$7,935.91	1
88AF0EXX	8"	920	\$14,997.45	1

600 FLANGED ENDS - FULL PORT W/ SS BALL & STEM

PART NO.	SIZE (IN.)	WT./EA.	PRICE EA.	PIECES/BOX
88AF45XX	1"	13	\$864.08	1
88AF47XX	1.5"	32	\$1,294.63	1
88AF48XX	2"	53	\$1,438.46	1
88AF49XX	2.5"	65	\$1,796.87	1
88AF40XX	3"	101	\$1,976.08	1
88AF4AXX	4"	194	\$4,069.22	1
88AF4CXX	6"	500	\$8,173.99	1
88AF4EXX	8"	920	\$16,282.35	1

CLASS 600 FLANGED VALVES

ADDERS

-04 2-1/4" EXTENDED STEM

SIZE (IN.)	ADDER
1"	POA
1-1/2"	POA
2"	POA
2-1/2"	N/A
3"	N/A
4"	N/A
6"	N/A
8"	N/A

-14 VENTED BALL (UNIDIRECTIONAL)

MUST HAVE SS BALL & STEM

87A-F0x / 88A-F4x ONLY

SIZE (IN.)	ADDER
1"	\$5.22
1-1/2"	\$5.22
2"	\$6.98
2-1/2"	\$57.83
3"	\$57.83
4"	\$57.83
6"	\$57.83
8"	\$92.50

-21 UHMWPE SEATS

GRAPHITE PACKING, SPIRAL WOUND GRAPHITE BODY SEAL, PEEK BEARING

SIZE (IN.)	ADDER
1"	\$11.73
1-1/2"	\$17.61
2"	\$23.47
2-1/2"	\$29.34
3"	\$35.20
4"	\$46.93
6"	\$70.40
8"	\$93.86

-24 GRAPHITE STEM PACKING

SPIRAL WOUND GRAPHITE BODY SEAL, RPTFE BEARING, (API 607, 6TH EDITION, ISO 10497:2010) AVAILABLE WITH -80 SEAT.

SIZE (IN.)	ADDER
1"	\$6.98
1-1/2"	\$13.91
2"	\$13.91
2-1/2"	\$13.91
3"	\$20.95
4"	\$20.95
6"	\$41.95
8"	\$41.95

-26 CHLORINE SERVICE

VENTED, SPECIAL CLEANING, ASSEMBLED DRY (CS, HC & MONEL ONLY)

SIZE (IN.)	ADDER
1"	POA
1-1/2"	POA
2"	POA
2-1/2"	POA
3"	POA
4"	POA
6"	POA
8"	POA

-38 PEEK SEATS

PEEK BEARING, GRAPHITE PACKING, SPIRAL WOUND GRAPHITE BODY SEALS

SIZE (IN.)	ADDER
1"	\$542.49
1-1/2"	\$955.91
2"	\$1,004.34
2-1/2"	\$1,486.31
3"	\$1,948.15
4"	\$2,992.76
6"	\$4,725.49
8"	\$6,855.12

-45 LESS LEVER & NUT BARE STEM

SIZE (IN.)	ADDER
1"	POA
1-1/2"	POA
2"	POA
2-1/2"	POA
3"	POA
4"	POA
6"	POA
8"	POA

-49 NO LUBRICATION ASSEMBLED DRY

SIZE (IN.)	ADDER
1"	No Charge
1-1/2"	No Charge
2"	No Charge
2-1/2"	No Charge
3"	No Charge
4"	No Charge
6"	No Charge
8"	No Charge

-57 OXYGEN CLEANED 87A-F0x ONLY

SIZE (IN.)	ADDER
1"	\$12.21
1-1/2"	\$12.21
2"	\$12.21
2-1/2"	\$36.49
3"	\$36.49
4"	\$36.49
6"	\$36.49
8"	\$115.63

-67 CLEANED FOR INDUSTRIAL GAS

87A-F0x / 88A-F4x ONLY

SIZE (IN.)	ADDER
1"	\$12.21
1-1/2"	\$12.21
2"	\$12.21
2-1/2"	\$36.49
3"	\$36.49
4"	\$36.49
6"	\$36.49
8"	\$115.63

-69 DRILLED & TAPPED PURGE PORT W/ PLUGS

SIZE (IN.)	ADDER
1"	\$145.39
1-1/2"	\$166.18
2"	\$176.53
2-1/2"	\$207.70
3"	\$218.09
4"	\$228.49
6"	\$311.58
8"	\$477.75

-70 4" EXTENDED BONNET

SIZE (IN.)	ADDER
1"	\$411.28
1-1/2"	\$502.68
2"	\$536.94
2-1/2"	\$708.30
3"	\$1,537.90
4"	POA
6"	POA
8"	POA

CLASS 600 FLANGED VALVES

ADDERS

-76 LIVE LOADED (LEVER OPERATED)

SIZE (IN.)	ADDER
1"	\$74.04
1-1/2"	\$135.03
2"	\$148.42
2-1/2"	\$148.42
3"	\$227.45
4"	\$227.45
6"	\$311.47
8"	\$311.47

-77 LIVE LOADED (GEAR OPERATOR/ACTUATOR)

SIZE (IN.)	ADDER
1"	\$10.55
1-1/2"	\$18.36
2"	\$20.19
2-1/2"	\$20.19
3"	\$30.91
4"	\$30.91
6"	\$70.05
8"	\$70.05

-80 MULTISEAL SEATS PTFE CHEVRON PACKING, SPIRAL WOUND PTFE BODY SEAL, PEEK BEARING

SIZE (IN.)	ADDER
All Sizes	No Charge

-82 FLAT FACE FLANGES

SIZE (IN.)	ADDER
1"	\$101.77
1-1/2"	\$101.77
2"	\$152.59
2-1/2"	\$152.59
3"	\$305.26
4"	\$305.26
6"	\$606.52
8"	\$813.96

-90 DOUBLE PACKED 4" EXT. BONNET

SIZE (IN.)	ADDER
1"	\$759.71
1-1/2"	\$975.29
2"	\$1,077.99
2-1/2"	\$1,077.99
3"	\$1,334.65
4"	\$1,334.65
6"	\$2,874.63
8"	\$2,874.63

-95 DEVLON® SEATS GRAPHITE PACKING, SPIRAL WOUND GRAPHITE BODY SEAL, PEEK BEARING

SIZE (IN.)	ADDER
1"	\$25.12
1-1/2"	\$43.07
2"	\$68.25
2-1/2"	\$97.53
3"	\$130.56
4"	\$206.88
6"	\$395.79
8"	\$627.13

-EF GRAPHITE, LOW FUGITIVE EMISSIONS SYSTEM

87A-FXX | 88A-FXX

FULL PORT	ADDER
1"	\$66.83
1-1/2"	\$89.57
2"	\$172.74
2-1/2"	\$172.74
3"	\$195.34
4"	\$195.34
6"	\$390.58
8"	\$660.63

-MG GEAR OPERATOR WITH STANDARD HANDWHEEL

SIZE (IN.)	ADDER
1"	\$482.57
1-1/2"	\$494.20
2"	\$668.62
2-1/2"	\$680.25
3"	\$691.88
4"	\$1,034.91
6"	\$1,046.54
8"	\$1,686.09

-MP POSITIVE MATERIAL I.D.

SIZE (IN.)	ADDER
1"	\$71.35
1-1/2"	\$71.35
2"	\$71.35
2-1/2"	\$71.35
3"	\$71.35
4"	\$71.35
6"	\$71.35
8"	\$71.35

-TC HYDROSTATIC TEST WITH CERTIFIED REPORT

SIZE (IN.)	ADDER
1"	\$38.37
1-1/2"	\$38.37
2"	\$38.37
2-1/2"	\$38.37
3"	\$38.37
4"	\$38.37
6"	\$38.37
8"	\$38.37

-TD API 6D TEST HYDROSTATIC TESTING

SIZE (IN.)	ADDER
1"	\$47.75
1-1/2"	\$47.75
2"	\$47.75
2-1/2"	\$47.75
3"	\$47.75
4"	\$47.75
6"	\$119.38
8"	\$119.38

-TR HYDROSTATIC TEST WITH CERTIFIED REPORT & MTR

SIZE (IN.)	ADDER
1"	\$47.68
1-1/2"	\$47.68
2"	\$47.68
2-1/2"	\$47.68
3"	\$47.68
4"	\$47.68
6"	\$47.68
8"	\$47.68

-TW HYDROSTATIC TEST WITH CERTIFIED REPORT & WITNESSED

SIZE (IN.)	ADDER
1"	\$63.96
1-1/2"	\$63.96
2"	\$63.96
2-1/2"	\$63.96
3"	\$63.96
4"	\$63.96
6"	\$63.96
8"	\$63.96

CLASS 600 FLANGED VALVES

SEAL KITS

87A-F | 88A-F

SIZE (IN.)	KIT NUMBER	
1"	87A0F580	\$43.14
1"	87A0F52480	\$43.14
1"	87A0F521	\$60.94
1"	87A0F595	\$223.73
1"	87A0F538	\$343.50
1-1/2"	87A0F780	\$64.88
1-1/2"	87A0F72480	\$64.88
1-1/2"	87A0F721	\$64.88
1-1/2"	87A0F795	\$265.12
1-1/2"	87A0F738	\$356.52
2"	87A0F880	\$104.66
2"	87A0F82480	\$104.66
2"	87A0F821	\$148.84
2"	87A0F895	\$265.12
2"	87A0F838	\$444.44
2-1/2"	87A0F980	\$111.63
2-1/2"	87A0F92480	\$111.63
2-1/2"	87A0F921	\$151.29
2-1/2"	87A0F995	\$357.68
2-1/2"	87A0F938	\$1,014.80
3"	87A0F080	\$118.61
3"	87A0F02480	\$118.61
3"	87A0F021	\$161.06
3"	87A0F095	\$357.68
3"	87A0F038	\$1,116.55
4"	87A0FA80	\$420.37
4"	87A0FA2480	\$420.37
4"	87A0FA21	\$449.21
4"	87A0FA95	\$691.31
4"	87A0FA38	\$1,594.93
6"	87A0FC80	\$1,288.07
6"	87A0FC2480	\$1,288.07
6"	87A0FC21	\$1,332.25
6"	87A0FC95	\$1,925.87
6"	87A0FC38	\$2,626.48
8"	87A0FE80	\$1,707.61
8"	87A0FE2480	\$1,707.61
8"	87A0FE21	\$1,707.61
8"	87A0FE95	\$2,297.97
8"	87A0FE38	\$6,754.26

89 SERIES

CAST CARBON STEEL VALVE

THREADED ENDS - MOUNTING PADS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8910101A	1/4"	58	\$40.39	10
8910201A	3/8"	54	\$41.16	10
8910301A	1/2"	63	\$40.39	10
8910401A	3/4"	127	\$52.42	10
8910501A	1"	163	\$73.13	10
8910601	1-1/4"	306	\$167.78	5
8910701	1-1/2"	398	\$212.38	5
8910801	2"	599	\$284.23	2

SPRING RETURN HANDLE

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8950101A	1/4"	126	\$125.02	10
8950201A	3/8"	125	\$127.40	10
8950301A	1/2"	131	\$125.02	10
8950401A	3/4"	198	\$139.01	5
8950501A	1"	235	\$149.01	5
8950601	1-1/4"	396	\$271.29	4
8950701	1-1/2"	478	\$333.28	2
8950801	2"	666	\$417.81	2

THREADED ENDS W/ 316SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
8914101A	1/4"	58	\$53.92	10
8914201A	3/8"	54	\$53.92	10
8914301A	1/2"	63	\$52.91	10
8914401A	3/4"	127	\$78.41	10
8914501A	1"	163	\$99.75	10
8914601	1-1/4"	306	\$198.09	5
8914701	1-1/2"	398	\$252.80	5
8914801	2"	599	\$329.77	2
8914901	2-1/2"	1557	\$740.53	1
8914001	3"	1679	\$793.93	1

90 SERIES

BRONZE VALVE - UL LISTED

THREADED ENDS - UNIBODY

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9010301A	1/2"	53	\$20.34	10
9010401A	3/4"	82	\$25.13	10
9010501A	1"	125	\$37.60	10
9010601A	1-1/4"	198	\$64.00	5
9010701A	1-1/2"	299	\$82.88	5
9010801A	2"	464	\$118.02	2

9A SERIES

BRONZE VALVE - UL LISTED

THREADED ENDS - HEAVY PATTERN

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9A10101	1/4"	73	\$21.57	10
9A10201	3/8"	73	\$21.57	10
9A10301	1/2"	73	\$21.57	10
9A10401	3/4"	110	\$28.52	10
9A10501	1"	173	\$39.59	10
9A10601	1-1/4"	292	\$69.08	5
9A10701	1-1/2"	396	\$89.55	5
9A10801	2"	597	\$127.28	2

92 SERIES

CAST CARBON STEEL VALVE - UNIBODY THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9210101	1/4"	49	\$43.78	10
9210201	3/8"	49	\$43.78	10
9210301	1/2"	49	\$43.78	10
9210401	3/4"	76	\$52.71	10
9210501	1"	121	\$76.65	10
9210601	1-1/4"	195	\$110.43	5
9210701	1-1/2"	292	\$165.51	5
9210801	2"	473	\$211.68	2

THREADED ENDS W/ 316SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9214101	1/4"	49	\$53.71	10
9214201	3/8"	49	\$53.71	10
9214301	1/2"	49	\$53.71	10
9214401	3/4"	76	\$71.02	10
9214501	1"	121	\$94.07	10
9214601	1-1/4"	195	\$131.80	5
9214701	1-1/2"	292	\$194.04	5
9214801	2"	473	\$240.79	2

93 SERIES

CARBON STEEL VALVE - UNIBODY THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9310101	1/4"	56	\$32.38	10
9310201	3/8"	56	\$32.38	10
9310301	1/2"	56	\$32.38	10
9310401	3/4"	79	\$37.29	10
9310501	1"	127	\$49.91	10
9310601	1-1/4"	226	\$77.53	5
9310701	1-1/2"	357	\$107.31	5
9310801	2"	594	\$139.40	2

THREADED ENDS W/ 316SS BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9314101	1/4"	56	\$42.86	10
9314201	3/8"	56	\$42.86	10
9314301	1/2"	56	\$42.86	10
9314401	3/4"	79	\$55.35	10
9314501	1"	127	\$66.99	10
9314601	1-1/4"	226	\$98.87	5
9314701	1-1/2"	357	\$135.82	5
9314801	2"	594	\$168.46	2

7A SERIES

CARBON STEEL VALVE - DRY CHLORINE THREADED ENDS W/ M35-1 BALL & STEM

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
7A13126	1/4"	125	\$364.06	10
7A13226	3/8"	121	\$364.06	10
7A13326	1/2"	114	\$364.06	10
7A13426	3/4"	211	\$541.60	10
7A13526	1"	294	\$715.32	10
7A13626	1-1/4"	440	\$822.95	5
7A13726	1-1/2"	704	\$930.59	5
7A13826	2"	1086	\$1,123.02	2

96 SERIES

CF8M STAINLESS STEEL VALVE - UNIBODY THREADED ENDS

PART NO.	SIZE (IN.)	WT./100	PRICE EA.	PIECES/BOX
9610101	1/4"	49	\$54.30	10
9610201	3/8"	49	\$55.33	10
9610301	1/2"	49	\$54.30	10
9610401	3/4"	76	\$75.25	10
9610501	1"	121	\$90.75	10
9610601	1-1/4"	195	\$137.52	5
9610701	1-1/2"	292	\$207.34	5
9610801	2"	473	\$246.24	2

60B SERIES BAR STOCK NEEDLE VALVE CARBON STEEL NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60B10101	1/4	FNPT	PTFE	123	\$82.34
60B10124			Grafoil		\$74.64
60B10201	3/8	FNPT	PTFE	119	\$88.63
60B10224			Grafoil		\$76.95
60B10301	1/2	FNPT	PTFE	164	\$101.02
60B10324			Grafoil		\$88.21
60B10401	3/4	FNPT	PTFE	334	\$167.73
60B10424			Grafoil		\$147.03
60B10501	1	FNPT	PTFE	465	\$204.88
60B10524			Grafoil		\$172.11
60B12101	1/4	SW	PTFE	123	
60B12124			Grafoil		\$76.07
60B12301	1/2	SW	PTFE	164	\$102.94
60B12324			Grafoil		\$89.89
60B12401	3/4	SW	PTFE	334	\$167.73
60B12424			Grafoil		\$149.83
60B12501	1	SW	PTFE	465	\$204.88
60B12524			Grafoil		\$172.11

316SS NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60B70101	1/4"	FNPT	PTFE	123	\$139.17
60B70124			Grafoil		\$140.65
60B70201	3/8"	FNPT	PTFE	119	\$142.66
60B70224			Grafoil		\$144.27
60B70301	1/2"	FNPT	PTFE	164	\$172.12
60B70324			Grafoil		\$173.67
60B70401	3/4"	FNPT	PTFE	334	\$300.88
60B70424			Grafoil		\$304.78
60B70501	1"	FNPT	PTFE	465	\$383.82
60B70524			Grafoil		\$390.12
60B72101	1/4"	SW	PTFE	123	\$139.17
60B72124			Grafoil		
60B72201	3/8"	SW	PTFE	119	\$142.66
60B72224			Grafoil		
60B72301	1/2"	SW	PTFE	164	\$175.39
60B72324			Grafoil		\$176.98
60B72401	3/4"	SW	PTFE	334	\$300.88
60B72424			Grafoil		\$304.78
60B72501	1"	SW	PTFE	465	\$383.82
60B72524			Grafoil		\$0.00

CARBON STEEL ANGLE NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60B20101	1/4"	FNPT	PTFE	80	\$79.54
60B20124			Grafoil		\$73.22
60B20201	3/8"	FNPT	PTFE	90	\$89.22
60B20224			Grafoil		\$78.42
60B20301	1/2"	FNPT	PTFE	120	\$104.40
60B20324			Grafoil		\$91.34
60B20401	3/4"	FNPT	PTFE	320	\$195.24
60B20424			Grafoil		
60B20501	1"	FNPT	PTFE	500	\$233.55
60B20524			Grafoil		\$233.55

316SS ANGLE NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60B80101	1/4"	FNPT	PTFE	80	\$172.44
60B80124			Grafoil		\$173.95
60B80201	3/8"	FNPT	PTFE	90	
60B80224			Grafoil		
60B80301	1/2"	FNPT	PTFE	120	\$243.35
60B80324			Grafoil		\$244.92
60B80401	3/4"	FNPT	PTFE	320	\$570.85
60B80424			Grafoil		
60B80501	1"	FNPT	PTFE	500	\$866.84
60B80524			Grafoil		

-07 TEE HANDLE

SIZE		ADDER
1/4	Cross Handle replaced by Tee Handle	\$5.06
3/8	Cross Handle replaced by Tee Handle	\$5.06
1/2	Cross Handle replaced by Tee Handle	\$5.06

-09 LOCK BONNET

SIZE	ADDER
1/4	\$23.62
3/8	\$23.62
1/2	\$26.82
3/4	\$30.01
1	\$31.05

-88 PANEL MOUNT

SIZE	ADDER
1/4	\$25.72
3/8	\$25.72
1/2	\$30.01
3/4	\$31.93
1	\$34.97

-24 GRAFOIL PACKING

See pricing of valve with optional Grafoil packing in tables above. If other options are also desired, add the appropriate suffix to the code in numerical order (either before or after the suffix 24) see note below.

-57 OXYGEN CLEANED - STAINLESS STEEL

See standard valve adder section

NOTES:

Suffix "01" is the standard configuration. Options are specified by replacing the "01" with an option code(s) in Numerical Order.

Examples:

60B10101 Standard Configuration
 60B10124 with Grafoil Packing
 60B1010924 with Lock Bonnet and Grafoil Packing

60A SERIES

BAR STOCK NEEDLE VALVE CARBON STEEL NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60A10101	1/4"	FNPT	PTFE	123	\$82.34
60A10124			Grafoil		\$76.07
60A10201	3/8"	FNPT	PTFE	119	\$88.63
60A10224			Grafoil		\$78.42
60A10301	1/2"	FNPT	PTFE	164	\$102.94
60A10324			Grafoil		\$89.89
60A10401	3/4"	FNPT	PTFE	334	\$167.73
60A10424			Grafoil		\$149.83
60A10501	1"	FNPT	PTFE	465	\$204.88
60A10524			Grafoil		\$172.11
60A12101	1/4"	SW	PTFE	123	\$82.34
60A12124			Grafoil		\$76.07
60A12201	3/8"	SW	PTFE	119	\$88.63
60A12224			Grafoil		\$78.42
60A12301	1/2"	SW	PTFE	164	\$102.94
60A12324			Grafoil		\$89.89
60A12401	3/4"	SW	PTFE	334	\$167.73
60A12424			Grafoil		\$149.83
60A12501	1"	SW	PTFE	465	\$204.88
60A12524			Grafoil		\$172.11

316SS NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
60A70101	1/4"	FNPT	PTFE	123	\$136.57
60A70124			Grafoil		\$140.65
60A70201	3/8"	FNPT	PTFE	119	\$142.66
60A70224			Grafoil		\$144.27
60A70301	1/2"	FNPT	PTFE	164	\$175.39
60A70324			Grafoil		\$176.98
60A70401	3/4"	FNPT	PTFE	334	\$300.88
60A70424			Grafoil		\$304.78
60A70501	1"	FNPT	PTFE	465	\$383.82
60A70524			Grafoil		\$390.12
60A72101	1/4"	SW	PTFE	123	\$139.17
60A72124			Grafoil		\$140.65
60A72201	3/8"	SW	PTFE	119	\$142.66
60A72224			Grafoil		\$144.27
60A72301	1/2"	SW	PTFE	164	\$175.39
60A72324			Grafoil		\$176.98
60A72401	3/4"	SW	PTFE	334	\$300.88
60A72424			Grafoil		\$304.78
60A72501	1"	SW	PTFE	465	\$383.82
60A72524			Grafoil		\$390.12

-07 TEE HANDLE

SIZE		ADDER
1/4	Cross Handle replaced by Tee Handle	\$5.06
3/8	Cross Handle replaced by Tee Handle	\$5.06
1/2	Cross Handle replaced by Tee Handle	\$5.06

-09 LOCK BONNET

SIZE	ADDER
1/4	\$23.62
3/8	\$23.62
1/2	\$26.82
3/4	\$30.01
1	\$31.05

-88 PANEL MOUNT

SIZE	ADDER
1/4	\$25.72
3/8	\$25.72
1/2	\$30.01
3/4	\$31.93
1	\$34.97

-24 GRAFOIL PACKING

See pricing of valve with optional Grafoil packing in tables above. If other options are also desired, add the appropriate suffix to the code in numerical order (either before or after the suffix 24) see note below.

-57 OXYGEN CLEANED - STAINLESS STEEL

See standard valve adder section

NOTES:

Suffix "01" is the standard configuration. Options are specified by replacing the "01" with an option code(s) in Numerical Order.

Examples:

60A10101	Standard Configuration
60A10124	with Grafoil Packing
60A1010924	with Lock Bonnet and Grafoil Packing

60 SERIES

BRASS BAR STOCK NEEDLE VALVE BRASS NEEDLE

PRODUCT	SIZE (IN.)	ENDS	PACKING	WT./100	PRICE EA.
6090101	1/4"	FNPT	Grafoil		\$82.53
6090105			PTFE		
6090201	3/8"	FNPT	Grafoil		\$82.53
6090205			PTFE		
6090301	1/2"	FNPT	Grafoil		\$88.49
6090301			PTFE		\$88.49

NOTES:

Suffix "01" is the standard configuration.

Options are specified by replacing the "01" with an option code(s) in Numerical Order.

Examples:

6010101

Standard Configuration

6010124

with Grafoil Packing

601010924

with Lock Bonnet and Grafoil Packing

-09 LOCK BONNET

SIZE	ADDER
1/8"	\$26.19
1/4"	\$27.01
3/8"	\$27.01
1/2"	\$31.52

-88 PANEL MOUNT

SIZE	ADDER
1/8"	\$24.80
1/4"	\$24.80
3/8"	\$24.80
1/2"	\$28.16
3/4"	\$31.52
1"	\$32.61

61 SERIES

BALL CONE CHECK VALVE BRONZE

PART NO.	SIZE (IN.)	SEAT
61-100 Series	1/4" - 3" F Threaded	Standard RTFE
61-200 Series	1/4" - 2" Threaded M x F	Standard RTFE
61-500 Series	1/4" - 2" F Threaded	Soft
61-600 Series	1/2" - 2" Solder	Standard RTFE
61Y Swing Checks	1/4" - 3" Threaded or Solder	Bronze/Soft

SEE COMMERCIAL PRICE LIST CPPL9000

61LF SERIES

LEAD FREE BALL CONE CHECK VALVE BRONZE

PART NO.	SIZE (IN.)	SEAT
61LF-100 Series	1/4" - 3" F Threaded	Standard RTFE
61LF-500 Series	1/4" - 2 F Threaded	Soft
61LF-600 Series	1/2" - 2 Solder	Soft
61YLF Series	1/4" - 2 Threaded or Solder	LF Bronze/Soft

SEE COMMERCIAL PRICE LIST CPPL9000

62 SERIES

BALL CONE CHECK VALVE 316 STAINLESS STEEL

PART NO.	SIZE (IN.)	SEAT
62-100 Series	1/4" - 2" F Threaded	Standard RTFE
62-500 Series	1/4" - 1" F Threaded	Soft

SEE COMMERCIAL PRICE LIST CPPL9000

STANDARD VALVES ADDERS

APOLLO® PACKING WRENCH

PART NO.		PRICE
H371400	Domestic Valves	\$10.45
H380700	Apollo International™ Valves	\$14.93

-02 GROUNDED STEM

	LIST PRICE
Stem Grounded Only	\$1.02

-04 2-1/4" CS EXTENDED

70 SERIES	72-A	77 SERIES, 7K	82 SERIES	ADDER
1/4" - 1/2"	—	1/4" - 1/2"	1/4" - 3/8"	\$10.38
3/4" - 1"	—	3/4"	1/2" - 3/4"	\$11.34
1-1/4" - 2"	1" - 1-1/2"	1" - 1-1/4"	1" - 1-1/4"	\$13.85
2-1/2" - 3"	—	1-1/2" - 2-1/2"	1-1/2" - 2"	\$18.23

-05 PLAIN BALL - UNPLATED NO ADDITIONAL CHARGE

-07 STEEL TEE HANDLE NO ADDITIONAL CHARGE (See -32 for SS)

-08 90° REVERSED STEM (N/A FLANGED VALVES) ADD \$3.94 TO LIST

-10 STAINLESS STEEL LEVER & NUT

70, 73A, 9A	72-A	82 SERIES	75 SERIES	ADDER
1/4" - 1/2"	—	1/4" - 3/8"	—	\$2.68
3/4" - 1"	1/4" - 3/4"	1/2" - 3/4"	—	\$4.41
1-1/4" - 2"	1" - 1-1/2"	1" - 1-1/4"	—	\$5.61
2-1/2" - 3"	—	1-1/2" - 2"	1/2" - 1"	\$7.91
4"	2"	—	1-1/4" - 2"	\$12.54

72 (BAR STOCK), 73-3, 73-4	93-100	ADDER
—	1/2" - 3/4"	\$3.30
1/2" - 3/4"	1" - 1-1/4"	\$3.94
1"	1-1/2"	\$6.48
1-1/4" - 1-1/2"	2"	\$9.71

-11 THERMA-SEAL™ INSULATING TEE HANDLE

70 & 71 SERIES	77 & 82 SERIES	ADDER
1/4" - 1/2"	1/4" - 1/2"	\$22.83
3/4" - 1"	3/4"	\$25.78
1-1/4" - 1-1/2"	1" - 1-1/2"	\$42.71
2"	2"	\$55.81

-11 THERMA-SEAL™ HANDLE KIT

70 & 71 SERIES	77 SERIES	82 SERIES	KIT NUMBER	PRICE EA.
1/4" - 1/2"	1/4" - 1/2"	1/4" - 3/8"	78219001	\$15.81
3/4" - 1"	3/4"	1/2" - 3/4"	78219101	\$15.81
1-1/4" - 2"	1" - 2"	1" - 2"	78219201	\$22.56

-14 VENTED BALL (UNIDIRECTIONAL) BRONZE OR SS BALL & STEM ONLY

SIZE (IN.)	ADDER
Bronze Ball, thru 1-1/2"	\$1.73
Stainless Steel, thru 1-1/2"	\$6.31
2" Bronze or SS	\$8.43
2-1/2" Valves	\$49.32
3" - 4" Valves	\$69.76

-15 STEEL ROUND HANDLE

70, 73A, 76, 85, 89	82	91, 92, 96	KIT NUMBER	ADDER
1/4" - 1/2"	1/4" - 3/8"	1/4" - 3/4"	H254800	\$8.59
3/4" - 1"	1/2" - 3/4"	1" - 1-1/4"	H254900	\$9.33
1-1/4" - 2"	1" - 2"	1-1/2" - 2"	H260500	\$17.22

73-300	93-100	KIT NUMBER	ADDER
—	1/2" - 3/4"	H256700	\$10.04
1/2" - 3/4"	1" - 1-1/4"	H256800	\$12.33
1"	1-1/2"	H260600	\$17.22

-16 VERTICAL CHAIN LEVER CHAIN NOT INCLUDED

SIZE	KIT NUMBER	ADDER
3/4" - 1"	7840701	\$10.53
1 1/4" - 2"	7840801	\$14.96

-17 ROUGH CHROME PLATED EXTERIOR BRONZE VALVES ONLY

SIZE	ADDER
1/4" - 1"	\$7.05
1 1/4" - 2"	\$13.85
2 1/2" - 3"	\$27.27

-18 PLAIN GRIP NO ADDITIONAL CHARGE

-19 LOCK PLATE

72 (BAR STOCK)	CONVERSION KITS	ADDER
1/2" - 3/4"	7849901	\$29.12
1"	7850001	\$29.67
1-1/4" - 1-1/2"	7848001	\$29.25
2"	7850201	\$33.42

93-100 SERIES	CONVERSION KITS	ADDER
3/4"	7847701	\$24.55
1" - 1 1/4"	7847801	\$24.55
1" - 1/2"	7847901	\$28.32
2"	7848001	\$29.25

76-100 SERIES & 89-100 SERIES	CONVERSION KITS	ADDER
1/4" - 1/2"	7842601	\$26.82
3/4" - 1"	7842701	\$28.74
1 1/4" - 2"	7842801	\$36.24

STANDARD VALVES

ADDERS

-20 BALL VENTED THROUGH STEM

BRONZE VALVE ONLY - ADD \$1.05 TO LIST

(STANDARD ON ALL CARBON/STAINLESS STEEL VALVES)

-21 UHMWPE SEATS / GRAPHITE STEM PACKING

70, 76, 72, 72-A, 73A	82 SERIES	ADDER
1/4" - 1"	1/4" - 1"	\$24.11
1-1/4" - 3"	1-1/4" - 2"	\$41.01

-24 GRAPHITE STEM PACKING (STANDARD APOLLO®) THREAD/SWEAT

SIZE (IN.)	ADDER
1/4" - 1"	\$2.81
1-1/4" - 3"	\$5.69

-27 STAINLESS STEEL LATCH LOCK LEVER

70, 73A, 76, 89	72-A	77, 7K	82	KIT NUMBER	ADDER
1/4" - 1/2"	—	1/4" - 1/2"	—	W648200	\$6.30
3/4" - 1"	1/4" - 3/4"	3/4"	1/2", 3/4"	W648300	\$6.30
1-1/4" - 2"	1" - 1-1/2"	1" - 1-1/4"	1", 1-1/4"	W648400	\$6.30
2-1/2" - 3"	—	1-1/2" - 2-1/2"	1-1/2" - 2"	W683600	\$18.71
4"	2"	—	2-1/2"	W807500	\$78.27

-30 CAM LOCK HANDLE & GROUND STEM

70, 73A, 71, 76, 89	77, 7K	9A, 91, 92, 96	82	ADDER
1/4" - 1/2"	1/4" - 1/2"	1/2" - 3/4"	1/4" - 3/8"	\$31.38
3/4" - 1"	3/4"	1" - 1-1/4"	1/2"	\$37.39
1-1/4" - 2"	1" - 2"	1-1/2" - 2"	—	\$43.41

-32 STAINLESS STEEL HI-RISE TEE HANDLE W/ SS NUT

SIZE	ADDER
1/4" - 1/2"	\$5.34
3/4" - 1"	\$5.94
1 1/4" - 2"	\$10.45

-35 VIRGIN TFE (PTFE) TRIM

70, 76, 82-100	ADDER
1/4" - 1"	\$1.01
1 1/4" - 2"	\$1.93
2 1/2" - 4"	\$3.05

-39 SS HI-RISE, LOCKING ROUND HANDLE

70, 71, 73A, 74, 76, 89	76F	77	82	9A, 92, 96	ADDER
1/4" - 1/2"	1/2" - 3/4"		1/4" - 3/8"	1/2" - 3/4"	21.72
3/4" - 1"	1"	3/4"	1/2" - 3/4"	1" - 1 1/4"	21.72
1 1/4" - 2"	1 1/4" - 2"	1"	1"	1 1/2"	33.78

-40 CYL-LOCK HANDLE & GROUND STEM

70, 71, 73A, 76, 89	77, 7K	9A, 91, 92, 96	82	ADDER
1/4" - 1/2"	1/4" - 1/2"	3/4"	1/4" - 3/8"	\$80.54
3/4" - 1"	3/4"	1" - 1-1/4"	1/2"	\$90.02
1-1/4" - 2"	1" - 1-1/4"	1-1/2" - 2"	—	\$106.57

-42 UNVENTED BALL (CARBON, SS, ALLOY 20) ADD \$4.20 TO LIST

-44 SEAL WELDED

76, 89, 72, 73A, 76F	PRICE EA
1/4" to 1"	\$16.00
1-1/2" to 2"	\$18.00
2-1/2" and larger	\$22.00

-45 LESS LEVER & NUT NO ADDITIONAL CHARGE

-46 SS LATCH LOCK LEVER - LOCK IN CLOSED POSITION

70, 73A, 76, 89	7K, 77	82	92-100, 96-100	KIT NUMBER	ADDER
1/4" - 1/2"	1/4" - 1/2"	—	1/2" - 3/4"	W836800	\$32.14
3/4" - 1"	3/4"	1/2", 3/4"	1", 1-1/4"	W837000	\$32.14
1-1/4" - 2"	1" - 1-1/4"	1", 1-1/4"	1-1/2", 2"	W837200	\$32.75

-47 LATCH LOCK OVAL HANDLE - SS NUT

70, 71, 73A, 74, 76, 89	77, 7K	82	9A, 92, 96	ADDER
1/4" - 1/2"	1/4" - 1/2"	1/4", 3/8"	1/4" - 3/4"	\$30.65
3/4", 1"	3/4"	1/2", 3/4"	1", 1-1/4"	\$30.65
1-1/4" - 2"			1-1/2", 2"	\$107.45

-48 SS OVAL HANDLE - NO LATCH - SS NUT

70, 71, 73A, 76, 89	77, 7K	82	9A, 92, 96	HANDLE	ADDER
1/4" - 1/2"	1/4" - 1/2"	1/4", 3/8"	1/4" - 3/4"	H303100	\$28.67
3/4", 1"	3/4"	1/2", 3/4"	1", 1-1/4"	H303200	\$28.67
1-1/4" - 2"	1" - 2"	1" - 2"	1-1/2", 2"	H303300	\$42.96

-49 ASSEMBLED DRY THREAD/SWEAT - NO ADDITIONAL CHARGE

-50 2-1/4" CS EXTENDED STEM - LOCKING

70, 73A, 76, 89	82	92, 96	KIT NUMBER	ADDER
1/4" - 1/2"	1/4", 3/8"	3/4"	7800101	\$35.27
3/4", 1"	1/2", 3/4"	1", 1-1/4"	7800201	\$35.27
1-1/4"	1" - 1-1/4"	1-1/2", 2"	7800301	\$52.90
1-1/2", 2"	—	—	7800401	\$52.90
2-1/2", 3"	1-1/2", 2"	—	7800501	\$52.90

STANDARD VALVES

ADDERS

-51, -52, -53, -54 TACK WELDS CARBON/STAINLESS STEEL

SIZE (IN.)	ONE WELD (-51)	TWO WELDS (-52)	THREE WELDS (-53)	FOUR WELDS (-54)
1/4" - 1-1/4"	\$4.73	\$8.95	\$11.18	\$12.23
1-1/2", 2"	\$4.73	\$11.18	\$12.23	\$13.41
2-1/2", 3"	\$4.73	\$13.41	\$14.53	\$15.62

ALLOY 20

SIZE (IN.)	ONE WELD (-51)	TWO WELDS (-52)
All sizes POA		

-56 MULTIFILL (MTFE) SEATS

SIZE (IN.)	ADDER
1/4" - 1" Valves	\$2.68
1-1/4" - 2" Valves	\$4.36
2-1/2" - 3" Valves	\$22.21

-57 OXYGEN CLEANED & BAGGED BRONZE/STAINLESS STEEL ONLY

SIZE (IN.)	ADDER
1/4" - 2"	\$13.81
2-1/2" - 4"	\$41.19

-58 HORIZONTAL CHAIN LEVER CHAIN NOT INCLUDED

SIZE (IN.)	KIT NUMBER	ADDER
3/4" - 1"	7840701	\$10.53
1-1/4" - 2"	7840801	\$14.96

-59 STAINLESS STEEL EXTERNAL TRIM 82 SERIES FOR LEVERS, TIE BOLTS & NUTS

SIZE (IN.)	ADDER
1/4" - 3/8"	\$7.94
1/2" - 3/4"	\$9.99
1" - 1-1/4"	\$20.95
1-1/2" - 2"	\$27.32

-60 GROUNDED BALL & STEM THREAD/SWEAT - CARBON MUST HAVE SS BALL/STEM

SIZE (IN.)	ADDER
1/4" - 3"	\$8.02

-62 CENTER SECTION FOR 3 PIECE & DOUBLE UNION CONTACT CUSTOMER SERVICE

-63 NPT X SOLDER/SOCKET WELD CONTACT CUSTOMER SERVICE - NO ADDITIONAL CHARGE

-64 250 LB. STEAM TRIM MUST HAVE STAINLESS STEEL BALL/STEM

70-140, 72-140*, 72-940*, 73A-140, 89-140, 76-100	77-140	ADDER
1/4" - 3/8"	1/4"	\$11.81
1/2"	3/8"	\$11.84
3/4"	1/2"	\$11.84
1"	3/4"	\$11.84
1-1/4"	1"	\$20.67
1-1/2"	1-1/4"	\$20.67
2"	1-1/2"	\$20.67
2-1/2"	2"	\$23.59
3"	2-1/2"	\$23.59

* Both 72 (Bar Stock) and 72-A (Forged Body)

-67 CLEANED & BAGGED FOR INDUSTRIAL GASES

SIZE (IN.)	ADDER
1/4" - 2"	\$13.02
2-1/2" - 3"	\$38.86

-78 DELRIN®/ACETAL SEATS 72, 72-A, 73-3, 73-4, 76-3, 76-4

SIZE (IN.)	ADDER
1/2" - 1"	\$136.15
1-1/4" - 2"	\$159.53

-79 NYLON/POLYAMIDE SEATS 72, 72-A, 73-3, 73-4, 76-3, 76-4

SIZE (IN.)	ADDER
1/2" - 1"	\$136.15
1-1/4" - 2"	\$159.53

-92 BALANCING (MEMORY STOP) BRONZE ONLY

70	77, 7K	82	ADDER
1/4" - 1/2"	1/4" - 1/2"	1/4" - 3/8"	\$4.32
3/4" - 1"	3/4"	1/2" - 3/4"	\$5.67
1-1/4" - 3"	1" - 2-1/2"	1" - 2"	\$6.72

-94 2-1/4" CS EXTENDED STEM & BALANCING (MEMORY STOP) BRONZE ONLY

70	77, 7K	82	ADDER
1/4" - 1/2"	1/4" - 1/2"	1/4" - 3/8"	\$15.02
3/4" - 1"	3/4"	1/2" - 3/4"	\$17.34
1-1/4" - 2"	1" - 1-1/4"	1" - 1-1/4"	\$20.98
2-1/2" - 3"	1-1/2" - 2-1/2"	1-1/2" - 2"	\$25.49

-GS CSA CGA 3.16

76, 76F, 89	ADDER
All Sizes	No Charge

STANDARD VALVES REPLACEMENT SEAL KITS 70, 71, 73A, 74, 76, 89 & 399 SERIES (EXCEPT 3-WAY)

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 3/8"	7000201	\$5.93
1/2"	7000301	\$5.93
3/4"	7000401	\$10.23
1"	7000501	\$14.77
1-1/4"	7000601	\$23.49
1-1/2"	7000701	\$29.81
2"	7000801	\$42.46
2-1/2", 3"	7000901	\$62.02
2-1/2" (70 Series Only)	7802001	\$49.15
4"	7000A01	\$94.87

70-600 & 76-600

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/2"	7000301	\$5.93
3/4"	7000401	\$10.23
1"	9000601	\$21.51
1-1/4"	7000601	\$23.49
1-1/2"	7000701	\$29.81
2"	7000801	\$42.46

77-100 & 77-200

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 3/8"	7000301	\$5.93
1/2"	7000301	\$5.93
3/4"	9000601	\$21.51
1"	9000701	\$27.82
1-1/4"	7000701	\$29.81
1-1/2"	7000801	\$42.46
2"	7802001	\$49.15
2-1/2"	7000901	\$62.02

75-100

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	7000301	\$5.93
3/4" - 1"	7000501	\$14.77
1-1/4"	7000601	\$23.49
1-1/2"	7000701	\$29.81
2"	7000801	\$42.46

73-300, 73-400, 76-300 & 76-400

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	7303301	\$7.21
3/4"	7303401	\$10.29
1"	7303501	\$16.34
1-1/4"	7303601	\$21.15
1-1/2"	7303701	\$29.61

72 SERIES (BAR STOCK DESIGNS)

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	7200301	\$7.21
3/4"	7200401	\$10.29
1"	7200501	\$16.34
1-1/4"	7200601	\$21.15
1-1/2"	7200701	\$29.61
2"	7200801	\$38.36

72-A SERIES (FORGED BODY DESIGNS)

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	7200301A	\$7.21
3/4"	7200401A	\$10.29
1"	7200501A	\$16.34
1-1/4"	7200601A	\$21.15
1-1/2"	7200701A	\$29.61
2"	7200801A	\$38.36

82-100/200, 83-100/200, 86-100/200, 83-700 & 86-700 FOR 85 SERIES, USE ONE SIZE SMALLER

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 3/8"	8200201	\$6.64
1/2"	8200301	\$10.02
3/4"	8200401	\$14.21
1"	8200501	\$22.58
1-1/4"	8200601	\$29.22
1-1/2"	8200701	\$40.81
2"	8200801	\$53.15
2-1/2"	8200901	\$55.03
3"	82A00001	\$58.97
	86000001	\$52.83
4"	82A00A01	\$118.47

83R-100/200, 86R-100/200

SIZE (IN.)	KIT NUMBER	PRICE EA.
3"	83R00001	\$189.03

83-500/600, 86-500/600 FOR 83-300/400 SERIES, USE ONE SIZE SMALLER

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 3/8"	8305201	\$0.00
1/2"	8305301	\$7.98
3/4"	8305401	\$11.34
1"	8305501	\$18.03
1-1/4"	8305601	\$23.29
1-1/2"	8305701	\$32.58
2"	8305801	\$42.29

90, 92, 93, 9A, 96

SIZE (IN.)	KIT NUMBER	PRICE EA.
1/4" - 1/2"	9000301	\$6.32
3/4"	9000401	\$9.53
1"	9000501	\$13.54
1-1/4"	9000601	\$21.51
1-1/2"	9000701	\$27.82
2"	9000801	\$38.87

ADDITIONAL SERVICES

TAGGING	ADDER
Consult with Apollo® Sales Agent for details and limitations	\$26.75 minimum billing
Paper Tags	\$1.35 Net each
Soft Aluminum Tags	\$2.75 Net each
Stainless Steel Tags	\$4.14 Net each
Customer Supplied Tags	\$1.35 Net each

DOCUMENTATION	
Certificate of Compliance on Conbraco Form:	NO ADDITIONAL CHARGE if requested at time of order

MILL TEST REPORTS (MTR)		ADDER
Carbon Steel, Stainless Steel, Nickel, Nickel Based Alloys, Titanium	Apollo Valves (cast body & cast retainer only) ¹	\$26.75 NET per Line Item
	Apollo 3-Piece Valves (cast body & cast end caps only) ¹	\$26.75 NET per Line Item

NOTE: MTRs for cast bodies, cast retainers, and cast end caps (3 piece valve) are available at www.apollovalves.com at no charge.

¹Contact Factory for Mill Test Reports (MTRs) for other valve components, such as ball, stem etc, will require a special model number to be created.

POSITIVE MATERIAL IDENTIFICATION (PMI)		ADDER
"MP" suffix - Includes report	Apollo Valves (Body, Bonnet, Retainer or End Caps only) ²	\$65.65 List each

NOTE: Not available for Carbon Steels

² Positive Material Identification (PMI) for other valve components, such as ball, stem etc, please Contact Factory.

TESTING TO API 598 (HYDROSTATIC TESTING)	ADDER
TH Test - Hydrostatic *	\$17.98 List each*
TC Test - Hydrostatic w/Certified Report	\$37.08 List each
TR Test - Hydrostatic w/Certified Report and MTR	\$46.06 List each
TW Test - Hydrostatic w/Certified Report & Witnessed	\$61.79 List each

*ASME ball valves (e.g. flanged, ASME 3-piece, top entry) are tested to API 598 as standard.

TESTING TO API 6D (HYDROSTATIC SHELL & SEAT TESTING)	ADDER	
1/2" - 4" (DN15 - DN100)	\$43.93 List each	6 minute test
6", 8", 10" (DN150 - DN250)	\$109.85 List each	15 minute test
12" (DN300)	\$183.09 List each	25 minute test

Apollo ASME ball valves | Flanged: 88A, 87A, and alloys | 3-Piece: 83B, 86B, and alloys
The "TD" option does NOT signify that a valve is marked with the API Monogram or marked with an API-6D License Number.

UL & CSA MARKING			ADDER
"UL" suffix	Tagged UL and CSA compliant	87A & 88A Series (Extra Tag riveted to body flange)	\$25.64 List each
	Marked UL compliant	83B & 86B Series (Handle with special graphics)	

GENERAL INFORMATION ON PRICING

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