BVPL800

APOLLO®

Ball Valve Price List

Price List

EFFECTIVE DATE
AUGUST 1, 2000

CONBRACO
Industries, Inc.

PLEASE USE ALL DIGITS WHEN ORDERING

(Catalog number plus design number) AVAILABILITY ON REQUEST

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MATERIAL OR STYLE

70	BRONZE
71	BRONZE WITH PADS
72	CARBON STEEL, HI PRESSURE
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
78	SPECIAL VALVES
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
83	CS 3-PIECE
83R	CS 3-PIECE, ACTUATOR READY
85	SS 3-PIECE, REG. PORT
85R	SS 3-PIECE, REG. PORT, ACTUATOR READY
86	SS 3-PIECE, FULL PORT
86R	SS 3-PIECE, FULL PORT, ACTUATOR READY
87	CF8M SS FLANGED
87A	CF8M SS FLANGED (NEW DESIGN)
87A-400	ALLOY 20 FLANGED
88	CARBON STEEL FLANGED
88A	CARBON STEEL FLANGED (NEW DESIGN)
89	CAST CARBON STEEL W/PADS
9A	BRONZE, HVY, PATT., UNIBODY
90	BRONZE, UNIBODY UL LISTED
91	BRONZE, UNIBODY
92	CAST CARBON STEEL UNIBODY
93	CS UNIBODY
95	BRONZE STOP & DRAIN
96	CF8M SS UNIBODY
399	ALLOY-20 NPT
401	ALLOY-20 3-PIECE, FULL PORT
452	CF8M SS FUGITIVE EMISSIONS FLANGED
453	WCB CS FUGITIVE EMISSIONS FLANGED

TYPE

1	NPT FEMALE/150 FLANGE
2	SOLDER & SOC. WELD/150 FLANGE FULL PORT
3	UNION END NPT/REG PORT 3-PIECE NPT
4	UNION END SOLDER/REG. PORT SOC. WELD
5	"DEADMAN"/HIGH PRESSURE, FULL PORT NPT
6	3-WAY, NPT/HIGH PRESSURE SOC. WELD FULL PORT
7	BUTT WELD/300 FLANGE
8	MALE X FEMALE, NPT/600 FLANGE
9	3-WAY SOLDER/O-RING BOSS/ 300 FLANGE FULL PORT

VARIATIONS

1	ONE SIZE LARGER MALE RETAINER
2	ADJUSTABLE STOP LEVER
3	CU-NI BALL & STEM
4	SS BALL & STEM
5	ORIGINAL BALANCING STOP–ATTACH TO LEVER OR T-HANDLE
7	ONE SIZE SMALLER FEMALE RETAINER
8	(NOT ASSIGNED)
9	PINNED RETAINER

SIZE*

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

*REFLECTS VALVE BODY SIZE WHEN VARIATION 1 OR 7 IS SELECTED.

NOTE: NOT ALL VARIATIONS AND FEATURES AVAILABLE ON SAME VALVE. CONSULT CONBRACO REPRESENTATIVE.

DESIGN

01	STANDARD	38	PEEK SEATS & BEARING (GRAPHITE PACKING & SEALS)
02	GROUNDED STEM	39	SS HI-RISE LOCKING ROUND HANDLE, SS NUT
03	1 1/4" CARBON STEEL EXT. STEM	40	CYL-LOCK AND GROUNDED STEM
04	2 1/4" CARBON STEEL EXT. STEM	41	AUTO. DRAIN (BRONZE VALVES ONLY)
05	PLAIN BALL	42	BALL NOT VENTED IN STEM SLOT (CS & SS)
07	STEEL TEE HANDLE	44	SEAL WELDED (73A-100, 76-100 & 89-100 SERIES)
08	90° REVERSED STEM	45	LESS LEVER & NUT
09	SS LEVER	46	SS LATCH LOCK LEVER, LOCK IN CLOSED POSITION ONLY
10	SS LEVER & NUT	47	SS LATCH LOCK OVAL HANDLE, SS NUT
12	STAMP "157 SWP" & TAGGED	48	SS OVAL HANDLE, NO LATCH, SS NUT
13	STAMP "157 SWP"	49	ASSEMBLED DRY
14	VENTED BALL (UNIDIRECTIONAL)	50	2 1/4" CS STEM EXTENSION, LOCKING
15	STEEL ROUND HANDLE	56	MULTI-FILL (MTFE) SEATS AND PACKING
16	VERTICAL CHAIN LEVER (EXCEPT 73 & 93)	57	OXYGEN CLEANED (BRONZE & SS ONLY)
17	ROUGH CHROME PLATE - BRONZE VALVES	59	SS EXTERNAL TRIM (82, 83 & 83R SERIES)
18	PLAIN YELLOW GRIP	60	GROUNDED BALL & STEM
19	WITH LOCK PLATE	62	CENTER SECTION FOR 3-PC. AND DOUBLE UNION VALVES
20	SLOT VENTED BALL (BI-DIRECTIONAL) - BRONZE VALVES	63	NPT X SOLDER/SOCKET WELD
21	UHMWPE TRIM (NON-TFE)	64	250 LB. STEAM TRIM
22	VITON UNION SEALS (DOUBLE UNION VALVES)	65	MULTIFILLED (MPTFE) SEATS AND GRAPHITE PACKING
23	TANK FLANGE (2" 3-PC. VALVES ONLY)	66	NPT X BUTT WELD - 3-PC. VALVES
24	GRAPHITE STEM PACKING	68	4" CARBON STEEL STEM EXTENSION (3" & 4" 3-PC. VALVES ONLY)
26	DRY CHLORINE TRIM AND VENTED (7A-130 SERIES)	69	PURGE PORTS (FLANGED VALVES)
27	SS LATCH LOCK LEVER	70	4" SS EXTENDED BONNET (FLANGED VALVES)
28	MOUNTING PADS NOT THD'D. (76 SERIES)	73	SPIRAL WOUND GASKETS - 316 SS WITH PTFE FILLER (FLANGED VALVES)
29	1500 LB. 3-PC. FIRESAFE DESIGN	74	SPRIAL WOUND GASKETS - 316 SS WITH GRAPHITE FILLER (FLANGED VALVES)
30	CAM-LOCK AND GROUNDED STEM	MG	GEAR OPERATED, STD. HAND WHEEL
31	SIDE OUTLET NOT THD'D. (7B SERIES)	MH	GEAR OPERATED, STD. HAND WHEEL, LOCKOUT DEVICE
32	SS HI-RISE TEE HANDLE & NUT	MJ	GEAR OPERATED, OVERSIZE HAND WHEEL
33	76-300/400 THD'D. FOR ACTUATOR MTG.	MK	GEAR OPERATED, OVERSIZE HAND WHEEL, LOCKOUT DEVICE
35	VIRGIN TFE (PTFE) TRIM	P01	BSPP (PARALLEL) THREAD CONNECTION
36	SS HI-RISE ROUND HANDLE, SS NUT	T01	BSPT (TAPERED) THREAD CONNECTION

BRONZE VALVES-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-101-01	1/4"	60	7.92	10
70-102-01	3/8"	56	7.92	10
70-103-01	1/2"	63	7.92	10
70-104-01	3/4"	139	13.06	10
70-105-01	1"	172	16.44	10
70-106-01	1 1/4"	326	27.60	5
70-107-01	1 1/2"	461	35.25	5
70-108-01	2"	606	44.15	2
70-109-01A	2 1/2"	1725	208.37	1
70-100-01	3"	1860	240.41	1
70-10A-01	4"	2550	317.64	1

BRONZE VALVES-THREADED ENDS WITH SS LATCH LOCK LEVER

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-101-27	1/4"	60	10.28	10
70-102-27	3/8"	56	10.28	10
70-103-27	1/2"	63	10.28	10
70-104-27	3/4"	139	15.42	10
70-105-27	1"	172	18.81	10
70-106-27	1 1/4"	326	29.97	5
70-107-27	1 1/2"	461	37.61	5
70-108-27	2"	606	46.52	2
70-109-27A	2 1/2"	1725	215.36	1
70-100-27	3"	1860	247.39	1

BRONZE VALVES-THREADED ENDS WITH AUTOMATIC DRAIN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-101-41	1/4"	60	9.19	10
70-102-41	3/8"	56	9.19	10
70-103-41	1/2"	63	9.19	10
70-104-41	3/4"	139	14.34	10
70-105-41	1"	172	18.98	10
70-106-41	1 1/4"	326	31.43	5
70-107-41	1 1/2"	461	39.07	5
70-108-41	2"	606	47.96	2

BRONZE VALVES WITH (-27) LATCH LOCK & (-41) AUTOMATIC DRAIN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-101-27-41	1/4"	60	11.55	10
70-102-27-41	3/8"	64	11.55	10
70-103-27-41	1/2"	63	11.55	10
70-104-27-41	3/4"	140	16.71	10
70-105-27-41	1"	173	21.35	10
70-106-27-41	1 1/4"	326	33.79	5
70-107-27-41	1 1/2"	461	41.43	5
70-108-27-41	2"	606	50.33	2
70-109-27-41A	2 1/2"	1725	238.51	1
70-100-27-41	3"	1870	269.44	1

BRONZE VALVES -THREADED ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-141-01	1/4"	59	11.88	10
70-142-01	3/8"	55	11.88	10
70-143-01	1/2"	62	11.88	10
70-144-01	3/4"	137	22.00	10
70-145-01	1"	171	26.63	10
70-146-01	1 1/4"	320	44.19	5
70-147-01	1 1/2"	453	59.49	5
70-148-01	2"	588	78.61	2
70-149-01A	2 1/2"	1703	312.69	1
70-140-01	3"	1825	361.66	1

BRONZE VALVES -SOLDER ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-202-01	3/8"	63	7.92	10
70-203-01	1/2"	71	7.92	10
70-204-01	3/4"	144	13.06	10
70-205-01	1"	191	16.44	10
70-206-01	1 1/4"	295	27.60	5
70-207-01	1 1/2"	399	35.25	5
70-208-01	2"	571	44.15	2
70-209-01A	2 1/2"	1553	208.37	1
70-200-01	3"	1674	240.41	1

BRONZE VALVES - SOLDER ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-242-01	3/8"	54	11.88	10
70-243-01	1/2"	70	11.88	10
70-244-01	3/4"	134	22.00	10
70-245-01	1"	175	26.63	10
70-246-01	1 1/4"	312	44.19	5
70-247-01	1 1/2"	391	59.49	5
70-248-01	2"	563	78.61	2
70-249-01A	2 1/2"	1725	312.69	1
70-240-01	3"	1674	361.66	1

BRONZE VALVES -SINGLE UNION END-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-301-01	1/4"	86	11.26	10
70-302-01	3/8"	84	11.26	10
70-303-01	1/2"	99	11.97	10
70-304-01	3/4"	191	20.33	10
70-305-01	1"	242	27.47	10
70-306-01	1 1/4"	427	46.68	5
70-307-01	1 1/2"	582	58.42	5
70-308-01	2"	855	91.21	2

BRONZE VALVES -SINGLE UNION END-SOLDER ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-402-01	3/8"	85	11.26	10
70-403-01	1/2"	102	11.97	10
70-404-01	3/4"	193	20.33	10
70-405-01	1"	242	27.47	10
70-406-01	1 1/4"	411	46.68	5
70-407-01	1 1/2"	544	58.42	5
70-408-01	2"	777	91.21	2

BRONZE VALVES -3-WAY-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-601-01	1/4"	91	14.37	6
70-602-01	3/8"	88	14.37	6
70-603-01	1/2"	76	14.37	6
70-604-01	3/4"	165	19.82	6
70-605-01	1"	215	26.25	6
70-606-01	1 1/4"	385	41.49	5
70-607-01	1 1/2"	522	48.44	5
70-608-01	2"	620	69.74	2

BRONZE VALVES -3-WAY-THREADED ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-641-01	1/4"	91	18.34	6
70-642-01	3/8"	88	18.34	6
70-643-01	1/2"	76	18.34	6
70-644-01	3/4"	165	28.75	6
70-645-01	1"	215	36.44	6
70-646-01	1 1/4"	385	62.62	5
70-647-01	1 1/2"	522	72.68	5
70-648-01	2"	620	104.21	2

BRONZE VALVES -MALE x FEMALE THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-801-01	1/4"	63	9.45	10
70-802-01	3/8"	60	9.45	10
70-803-01	1/2"	72	9.45	10
70-804-01	3/4"	142	15.09	10
70-805-01	1"	193	21.55	10
70-806-01	1 1/4"	319	34.51	5
70-807-01	1 1/2"	460	42.19	5

BRONZE VALVES-3-WAY-SOLDER ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
70-903-01	1/2"	76	14.85	6
70-904-01	3/4"	165	20.48	6
70-905-01	1"	215	26.43	6

BRONZE VALVES-THREADED ENDS WITH MOUNTING PADS

SEE 77-100 SERIES FOR PRICING OF 1/4", 3/8", 1/2" AND 2 1/2" VALVES.

Part No.	Size	Wt./100	Price Each	Pieces Per Box
71-104-01	3/4"	163	17.31	10
71-105-01	1"	186	21.54	10
71-106-01	1 1/4"	339	33.25	5
71-107-01	1 1/2"	468	40.53	5
71-108-01	2"	572	52.11	2
71-100-01	3"	1860	258.84	1

BRONZE VALVES -MOUNTING PADS-WITH 316 SS BALL & STEM

SEE 77-140 SERIES FOR PRICING OF 1/4", 3/8", 1/2" AND 2 1/2" VALVES.

Part No.	Size	Wt./100	Price Each	Pieces Per Box
71-144-01	3/4"	161	26.24	10
71-145-01	1"	182	31.74	10
71-146-01	1 1/4"	336	49.82	5
71-147-01	1 1/2"	460	64.77	5
71-148-01	2"	564	90.42	2
71-140-01	3"	1965	380.08	1

BRONZE VALVES -WITH SPRING RETURN HANDLE

Part No.	Size	Wt./100	Price Each	Pieces Per Box
71-501-01	1/4"	147	55.35	10
71-502-01	3/8"	145	55.35	10
71-503-01	1/2"	135	55.35	10
71-504-01	3/4"	233	61.98	5
71-505-01	1"	259	66.19	5
71-506-01	1 1/4"	418	85.56	4
71-507-01	1 1/2"	531	101.80	2
71-508-01	2"	641	119.76	2

CARBON STEEL VALVES-THREADED-HIGH PRESSURE-FULL PORT (EXCEPT 2")

Part No.	Size	Wt./100	Price Each	Pieces Per Box
72-103-01	1/2"	198	36.33	6
72-104-01	3/4"	309	45.13	4
72-105-01	1"	487	68.07	4
72-106-01	1 1/4"	767	104.04	2
72-107-01	1 1/2"	1050	131.23	2
72-108-01	2"	1526	161.62	1

CARBON STEEL VALVES-THREADED-HIGH PRESSURE-FULL PORT (EXCEPT 2") WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
72-143-01	1/2"	198	44.82	6
72-144-01	3/4"	309	57.28	4
72-145-01	1"	487	81.20	4
72-146-01	1 1/4"	767	117.42	2
72-147-01	1 1/2"	1050	148.64	2
72-148-01	2"	1526	186.39	1

CARBON STEEL VALVES-SAE STRAIGHT THREAD

Part No.	Size	Wt./100	Price Each	Pieces Per Box
72-901-01	1/4"	209	38.94	6
72-902-01	3/8"	206	38.94	6
72-903-01	1/2"	256	38.94	6
72-904-01	3/4"	307	49.27	4
72-905-01	1"	491	72.32	4
72-906-01	1 1/4"	773	111.06	2
72-907-01	1 1/2"	1021	144.29	2
72-908-01	2"	1488	176.43	1

A105 CARBON STEEL VALVES-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
73A-101-01	1/4"	61	15.15	10
73A-102-01	3/8"	63	15.15	10
73A-103-01	1/2"	75	16.45	10
73A-104-01	3/4"	158	23.79	10
73A-105-01	1"	209	31.99	10
73A-106-01	1 1/4"	374	54.67	5
73A-107-01	1 1/2"	530	69.26	5
73A-108-01	2"	803	95.37	2

A105 CARBON STEEL VALVES-THREADED ENDS W/316 SS BALL AND STEM N.A.C.E. MR01-75

Part No.	Size	Wt./100	Price Each	Pieces Per Box
73A-141-01	1/4"	61	22.44	10
73A-142-01	3/8"	63	22.44	10
73A-143-01	1/2"	75	23.74	10
73A-144-01	3/4"	158	37.17	10
73A-145-01	1"	209	45.36	10
73A-146-01	1 1/4"	374	70.48	5
73A-147-01	1 1/2"	530	89.92	5
73A-148-01	2"	803	117.86	2

CARBON STEEL VALVES-DOUBLE UNION THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
73-301-01	1/4"	351	68.15	6
73-302-01	3/8"	345	68.15	6
73-303-01	1/2"	335	68.15	6
73-304-01	3/4"	448	91.13	4
73-305-01	1"	704	115.44	4
73-306-01	1 1/4"	996	167.67	2
73-307-01	1 1/2"	1483	221.14	2
73-308-01	2"	2050	249.09	1

CARBON STEEL VALVES-DOUBLE UNION THREADED ENDS W/316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
73-341-01	1/4"	351	73.01	6
73-342-01	3/8"	345	73.01	6
73-343-01	1/2"	335	73.01	6
73-344-01	3/4"	448	103.28	4
73-345-01	1"	704	128.79	4
73-346-01	1 1/4"	996	181.04	2
73-347-01	1 1/2"	1483	238.15	2
73-348-01	2"	2050	273.39	1

CARBON STEEL VALVES-DOUBLE UNION SOCKET WELD ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
73-403-01	1/2"	335	68.15	6
73-404-01	3/4"	448	91.13	4
73-405-01	1"	704	115.44	4
73-406-01	1 1/4"	996	167.67	2
73-407-01	1 1/2"	1483	221.14	2
73-408-01	2"	2050	249.09	1

NICKEL VALVES-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
74-103-01	1/2"	58	232.40	10
74-104-01	3/4"	118	300.81	10
74-105-01	1"	157	356.27	10
74-107-01	1 1/2"	411	856.44	5
74-108-01	2"	602	1096.19	2

BRONZE VALVES-PAD-LOCKING TYPE-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
75-101-01	1/4"	80	16.11	10
75-102-01	3/8"	77	16.11	10
75-103-01	1/2"	70	16.11	10
75-104-01	3/4"	203	25.53	10
75-105-01	1"	183	25.53	10
75-106-01	1 1/4"	348	39.20	5
75-107-01	1 1/2"	423	47.41	5
75-108-01	2"	569	56.34	2

BRONZE VALVES-PAD-LOCKING TYPE-THREADED ENDS WITH AUTOMATIC DRAIN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
75-101-41	1/4"	80	17.38	10
75-102-41	3/8"	77	17.38	10
75-103-41	1/2"	70	17.38	10
75-104-41	3/4"	203	26.81	10
75-105-41	1"	183	28.07	10
75-106-41	1 1/4"	348	43.02	5
75-107-41	1 1/2"	423	51.23	5
75-108-41	2"	569	60.15	2

CF8M STAINLESS STEEL VALVES-THREADED ENDS WITH MOUNTING PAD DRILLED & TAPPED

Part No.	Size	Wt./100	Price Each	Pieces Per Box
76-101-01	1/4"	58	34.47	10
76-102-01	3/8"	54	34.47	10
76-103-01	1/2"	63	34.47	10
76-104-01	3/4"	127	57.13	10
76-105-01	1"	163	69.60	10
76-106-01	1 1/4"	306	132.56	5
76-107-01	1 1/2"	404	138.52	5
76-108-01	2"	605	179.83	2
76-109-01	2 1/2"	1557	612.26	1
76-100-01	3"	1679	665.67	1

CF8M STAINLESS STEEL VALVES-THREADED ENDS WITH SS LATCH LOCK LEVER

Part No.	Size	Wt./100	Price Each	Pieces Per Box
76-101-27	1/4"	58	36.83	10
76-102-27	3/8"	54	36.83	10
76-103-27	1/2"	63	36.83	10
76-104-27	3/4"	127	59.49	10
76-105-27	1"	163	71.97	10
76-106-27	1 1/4"	307	134.93	5
76-107-27	1 1/2"	399	140.88	5
76-108-27	2"	599	182.20	2
76-109-27	2 1/2"	1557	619.24	1
76-100-27	3"	1679	672.65	1

CF8M STAINLESS STEEL VALVES - THREADED - FULL PORT - 1000 WOG

Part No.	Size	Wt./100	Price Each	Pieces Per Box
76F-101-01	1/4"	47.0	19.00	10
76F-102-01	3/8"	43.5	19.00	10
76F-103-01	1/2"	55.0	20.00	10
76F-104-01	3/4"	153.5	27.00	10
76F-105-01	1"	280.5	39.00	5
76F-106-01	1 1/4"	412.0	50.00	5
76F-107-01	1 1/2"	573.5	75.00	2
76F-108-01	2"	973.0	95.00	2

CF8M STAINLESS STEEL VALVES - THREADED - FULL PORT - 1000 WOG WITH SS LATCH LOCK LEVER

Part No.	Size	Wt./100	Price Each	Pieces Per Box
76F-101-27	1/4"	47.0	21.36	10
76F-102-27	3/8"	43.5	21.36	10
76F-103-27	1/2"	55.0	22.36	10
76F-104-27	3/4"	153.5	29.36	10
76F-105-27	1"	280.5	41.36	5
76F-106-27	1 1/4"	412.0	52.36	5
76F-107-27	1 1/2"	573.5	81.98	2
76F-108-27	2"	973.0	101.98	2

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

Part No.	Size	Wt./100	Price Each	Pieces Per Box
78-145-01	3/4"	200.0	149.49	10
78-146-01	1"	320.0	168.13	5

ALLOY 20 VALVES-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
399-101-01	1/4"	58	182.85	10
399-102-01	3/8"	54	182.85	10
399-103-01	1/2"	63	182.85	10
399-104-01	3/4"	127	231.22	10
399-105-01	1"	163	316.16	10
399-106-01	1 1/4"	306	516.69	5
399-107-01	1 1/2"	404	632.53	5
399-108-01	2"	605	753.82	2

CF8M STAINLESS STEEL VALVES-THREADED ENDS-DOUBLE UNION

76-303-01	1/2"	288	183.02	6
76-304-01	3/4"	381	229.59	4
76-305-01	1"	598	314.43	4
76-306-01	1 1/4"	847	409.11	2
76-307-01	1 1/2"	1261	550.15	2
76-308-01	2"	1688	678.04	1

*76-400 Series (Double Union Socket Weld Ends) same price as 76-300 Series.

CF8M STAINLESS STEEL VALVES - THREADED ENDS WITH SPRING RETURN HANDLE

76-501-01	1/4"	126	73.33	10
76-502-01	3/8"	125	73.33	10
76-503-01	1/2"	131	73.33	10
76-504-01	3/4"	198	94.91	5
76-505-01	1"	235	106.67	5
76-506-01	1 1/4"	396	173.69	4
76-507-01	1 1/2"	478	187.47	2
76-508-01	2"	666	232.56	2

CF8M STAINLESS STEEL VALVES-3-WAY-THREADED ENDS

76-601-01	1/4"	70	72.49	6
76-602-01	3/8"	66	72.49	6
76-603-01	1/2"	75	72.49	6
76-604-01	3/4"	145	97.11	6
76-605-01	1"	186	120.74	6
76-607-01	1 1/2"	467	247.55	5
76-608-01	2"	702	323.37	2

BRONZE VALVES - THREADED ENDS - FULL PORT-MOUNTING PADS

77-101-01	1/4"	79	10.67	10
77-102-01	3/8"	75	10.67	10
77-103-01	1/2"	69	10.67	10
77-104-01	3/4"	183	19.46	10
77-105-01	1"	332	27.29	5
77-106-01	1 1/4"	505	38.48	5
77-107-01	1 1/2"	671	48.58	2
77-108-01	2"	1175	84.40	2
77-109-01	2 1/2"	1725	219.36	1

BRONZE VALVES - THREADED ENDS-COMPLETE WITH CAP AND CHAIN

78-103-01	1/2" NPT X 3/4" Hose 63	13.32	10
78-104-01	3/4" NPT X 3/4" Hose139	18.81	10

BRONZE VALVES-SOLDER ENDS -COMPLETE WITH CAP & CHAIN

78-203-01	1/2" SOL X 3/4" Hose 71	13.32	10
78-204-01	3/4" SOL X 3/4" Hose144	18.81	10

BRONZE VALVES-THREADED ENDS - FULL PORT-MOUNTING PADS WITH 316 SS BALL & STEM

77-141-01	1/4"	79	14.78	10
77-142-01	3/8"	75	14.78	10
77-143-01	1/2"	69	14.78	10
77-144-01	3/4"	183	27.71	10
77-145-01	1"	332	44.17	10
77-146-01	1 1/4"	505	59.25	5
77-147-01	1 1/2"	671	72.89	5
77-148-01	2"	1175	120.73	2
77-149-01	2 1/2"	1725	334.66	1

BRONZE VALVES - SOLDER ENDS - FULL PORT NO PADS*

77-204-01	3/4"	165	18.54	10
77-205-01	1"	299	25.87	5
77-206-01	1 1/4"	455	34.81	5
77-207-01	1 1/2"	604	44.91	2
77-208-01	2"	1058	81.21	1
77-209-01	2 1/2"	1553	215.25	1

*See 70-200 Series for additional sizes.

BRONZE VALVES - O-RING BOSS - THREADED - FULL PORT

77-901-01	1/4"	79	12.19	10
77-902-01	3/8"	75	12.19	10
77-903-01	1/2"	69	12.19	10
77-904-01	3/4"	183	22.24	10
77-905-01	1"	332	31.17	5
77-906-01	1 1/4"	505	43.97	5
77-907-01	1 1/2"	671	55.52	2
77-908-01	2"	1175	96.44	1

BRONZE FULL PORT VALVES WITH AUTOMATIC DRAIN AND 1/4" NPT TAPPED BOSS FOR DRAIN

7K-101-01	1/4"	70	11.08	10
7K-102-01	3/8"	66	11.08	10
7K-103-01	1/2"	73	11.08	10
7K-104-01	3/4"	193	22.39	10
7K-105-01	1"	342	31.37	10
7K-106-01	1 1/4"	515	44.26	5
7K-107-01	1 1/2"	681	55.87	5
7K-108-01	2"	1185	109.74	2
7K-109-01	2 1/2"	1735	263.22	1

BRONZE VALVE-THREADED ENDS-150 WOG - CONBRACO BRAND

see page 3 for 70-10A-01

BRONZE VALVES WITH MOUNTING EARS

78-248-01	1/4"	68	13.49	10
78-250-01	3/8"	68	13.49	10
78-256-01	1/2"	65	13.49	10
78-438-01	3/4"	140	18.43	10

INSTRUMENTATION BALL VALVES-THREADED MALE x FEMALE

Part No.	Size	Wt./100	Price Each	Pieces Per Box
78-260-05	1/8"	20	6.49	10
78-261-05	1/4"	19	6.49	10
78-262-05	1/8"	20	6.49	10
78-263-05	1/4"	19	6.49	10
78-267-01	1/4"	20	8.65	10
78-268-01	1/8" x 1/4"	20	6.49	10
78-269-01	1/4"	19	6.49	10

BRONZE IRRIGATION VALVES-NPT THREADED

Part No.	Size	Wt./100	Price Each	Pieces Per Box
78-621-01	3/4"	159	26.99	10
78-622-01	1"	192	35.73	10
78-623-01	1 1/4"	357	49.55	5
78-624-01	1 1/2"	468	56.41	5
78-625-01	2"	611	78.05	2

BRONZE VALVES WITH CENTER DRAIN - STANDARD PORT WITH SS LEVER & NUT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
78-664-01	3/4"	153	18.92	10
78-665-01	1"	186	23.76	10
78-666-01	1 1/4"	339	38.18	5
78-667-01	1 1/2"	468	44.90	5
78-962-01	2"	572	57.33	2

REFRIGERATION VALVES-O.D. TUBE SOCKETS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
79-701-01	3/8"	94	45.39	1
79-702-01	1/2"	94	45.39	1
79-703-01	5/8"	94	45.39	1
79-704-01	7/8"	131	61.89	1
79-705-01	1 1/8"	206	79.24	1
79-706-01	1 3/8"	400	179.21	1
79-707-01	1 5/8"	425	191.18	1
79-708-01	2 1/8"	600	248.93	1
79-709-01	2 5/8"	1750	530.93	1
79-600-01	3 1/8"	1760	564.12	1

BRONZE VALVES-UL® LISTED FOR LP GAS-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
80-101-01	1/4"	60	9.64	10
80-102-01	3/8"	56	9.64	10
80-103-01	1/2"	63	9.64	10
80-104-01	3/4"	139	14.68	10
80-105-01	1"	172	20.34	10
80-106-01	1 1/4"	326	33.33	5
80-107-01	1 1/2"	457	40.60	5
80-108-01	2"	556	49.25	2
80-109-01	2 1/2"	1725	223.43	1
80-100-01	3"	1860	267.69	1

BRONZE VALVES-UL® LISTED FOR LP GAS-PLAIN BALL-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
81-101-05	1/4"	60	9.87	10
81-102-05	3/8"	56	9.87	10
81-103-05	1/2"	63	9.87	10
81-104-05	3/4"	139	15.06	10
81-105-05	1"	172	20.84	10
81-106-05	1 1/4"	326	34.16	5
81-107-05	1 1/2"	457	41.62	5
81-108-05	2"	556	50.46	2
81-109-05	2 1/2"	1725	228.57	1
81-100-05	3"	1860	274.38	1

BRONZE 3 PIECE VALVES-THREADED ENDS - FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
82-101-01	1/4"	102	20.32	8
82-102-01	3/8"	104	20.32	8
82-103-01	1/2"	155	23.55	8
82-104-01	3/4"	227	28.90	8
82-105-01	1"	328	37.93	6
82-106-01	1 1/4"	562	54.53	2
82-107-01	1 1/2"	807	70.59	2
82-108-01	2"	1442	129.35	1
82-109-01	2 1/2"	2661	308.74	1

BRONZE 3 PIECE VALVES -THREADED ENDS - FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
82-141-01	1/4"	102	26.71	8
82-142-01	3/8"	104	26.71	8
82-143-01	1/2"	153	33.26	8
82-144-01	3/4"	224	39.76	8
82-145-01	1"	323	57.86	6
82-146-01	1 1/4"	568	78.29	2
82-147-01	1 1/2"	804	99.78	2
82-148-01	2"	1437	162.94	1
82-149-01	2 1/2"	2661	333.05	1
82-140-01	3"	4224	565.20	1
82-14A-01	4"	8840	1064.78	1

BRONZE 3 PIECE VALVES-SOLDER ENDS - FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
82-202-01	3/8"	99	20.32	8
82-203-01	1/2"	146	23.55	8
82-204-01	3/4"	207	28.90	8
82-205-01	1"	303	37.93	6
82-206-01	1 1/4"	502	54.80	2
82-207-01	1 1/2"	791	70.59	2
82-208-01	2"	1350	129.35	1
82-209-01	2 1/2"	2661	308.74	1

BRONZE 3 PIECE VALVES-SOLDER ENDS - FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
82-242-01	3/8"	99	26.71	8
82-243-01	1/2"	144	33.26	8
82-244-01	3/4"	204	39.76	8
82-245-01	1"	298	57.86	6
82-246-01	1 1/4"	496	78.35	2
82-247-01	1 1/2"	787	99.78	2
82-248-01	2"	1346	162.89	1
82-249-01	2 1/2"	2661	333.05	1
82-240-01	3"	4224	565.20	1
82-24A-01	4"	8840	1064.78	1

BRONZE 3 PIECE VALVE - SOLDER ENDS FULL PORT WITH 6" BRAZED COPPER TUBE EXTENSIONS ON EACH END

CONTACT YOUR APOLLO REPRESENTATIVE FOR PRICING.

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-101-01	1/4"	103	42.49	8
83-102-01	3/8"	99	42.49	8
83R-103-01	1/2"	140	52.00	8
83R-104-01	3/4"	191	65.00	8
83R-105-01	1"	298	78.00	6
83R-106-01	1 1/4"	504	110.00	2
83R-107-01	1 1/2"	746	148.00	2
83R-108-01	2"	1283	198.00	1

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1000 LB-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-141-01	1/4"	103	46.81	8
83-142-01	3/8"	99	46.81	8
83R-143-01	1/2"	140	58.00	8
83R-144-01	3/4"	191	77.00	8
83R-145-01	1"	298	96.00	6
83R-146-01	1 1/4"	604	128.00	2
83R-147-01	1 1/2"	746	167.00	2
83R-148-01	2"	1283	221.00	1

CARBON STEEL 3 PIECE VALVES-SOCKET WELD-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83R-203-01	1/2"	136	52.00	8
83R-204-01	3/4"	186	65.00	6
83R-205-01	1"	288	78.00	6
83R-206-01	1 1/4"	491	110.00	2
83R-207-01	1 1/2"	727	148.00	2
83R-208-01	2"	1251	198.00	1

CARBON STEEL 3 PIECE VALVES-SOCKET WELD-1000 LB-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83R-243-01	1/2"	136	58.00	8
83R-244-01	3/4"	186	77.00	8
83R-245-01	1"	288	96.00	6
83R-246-01	1 1/4"	491	128.00	2
83R-247-01	1 1/2"	727	167.00	2
83R-248-01	2"	1251	221.00	1

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1500 LB- STANDARD PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-303-01	1/2"	128	58.34	8
83-304-01	3/4"	200	69.38	8
83-305-01A	1"	269	80.67	6
83-306-01A	1 1/4"	397	109.05	2
83-307-01A	1 1/2"	550	143.25	2
83-308-01A	2"	805	198.72	1

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1500 LB-STANDARD PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-343-01	1/2"	128	64.94	8
83-344-01	3/4"	200	81.17	8
83-345-01A	1"	269	99.70	6
83-346-01A	1 1/4"	397	127.98	2
83-347-01A	1 1/2"	550	163.34	2
83-348-01A	2"	805	222.86	1

CARBON STEEL 3 PIECE VALVES-SOCKET WELD-1500 LB-STANDARD PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-403-01	1/2"	128	58.34	8
83-404-01	3/4"	200	69.38	8
83-405-01A	1"	269	80.67	6
83-406-01A	1 1/4"	397	109.05	2
83-407-01A	1 1/2"	550	143.25	2
83-408-01A	2"	805	198.72	1

CARBON STEEL 3 PIECE VALVES - SOCKET WELD-1500 LB-STANDARD PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-443-01	1/2"	128	64.94	8
83-444-01	3/4"	200	81.17	8
83-445-01A	1"	269	99.70	6
83-446-01A	1 1/4"	397	127.98	2
83-447-01A	1 1/2"	550	163.34	2
83-448-01A	2"	805	222.86	1

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1500 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-501-01	1/4"	121	56.85	8
83-502-01	3/8"	122	56.85	8
83-503-01	1/2"	190	61.06	8
83-504-01A	3/4"	256	82.53	8
83-505-01A	1"	378	109.23	6
83-506-01A	1 1/4"	524	141.12	2
83-507-01A	1 1/2"	767	193.19	2
83-508-01A	2"	1560	369.24	1

CARBON STEEL 3 PIECE VALVES-THREADED ENDS-1500 LB-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-541-01	1/4"	121	64.88	8
83-542-01	3/8"	122	64.88	8
83-543-01	1/2"	190	68.61	8
83-544-01A	3/4"	256	94.59	8
83-545-01A	1"	378	124.33	6
83-546-01A	1 1/4"	524	154.54	2
83-547-01A	1 1/2"	767	211.96	2
83-548-01A	2"	1560	386.79	1

CARBON STEEL 3 PIECE VALVES-SOCKET WELD-1500 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-603-01	1/2"	190	61.06	8
83-604-01A	3/4"	256	82.53	8
83-605-01A	1"	378	109.23	6
83-606-01A	1 1/4"	524	141.11	2
83-607-01A	1 1/2"	767	193.19	2
83-608-01A	2"	1560	368.40	1

CARBON STEEL 3 PIECE VALVES-SOCKET WELD-1500 LB-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83-643-01	1/2"	190	68.61	8
83-644-01A	3/4"	256	94.59	8
83-645-01A	1"	378	124.33	6
83-646-01A	1 1/4"	524	154.54	2
83-647-01A	1 1/2"	768	212.34	2
83-648-01A	2"	1560	386.79	1

CARBON STEEL 3 PIECE VALVES-BUTT WELD ENDS-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
83R-703-01	1/2"	136	55.00	8
83R-704-01	3/4"	186	68.00	8
83R-705-01	1"	288	81.00	6
83R-707-01	1 1/2"	727	151.00	2
83R-708-01	2"	1251	201.00	1

STAINLESS STEEL 3 PIECE VALVES-THREADED ENDS-1000 LB-STANDARD PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
85-101-01	1/4"	102	86.30	8
85-102-01	3/8"	98	92.24	8
85-103-01	1/2"	97	92.24	8
85R-104-01	3/4"	135	115.00	8
85R-105-01	1"	196	146.00	6
85R-106-01	1 1/4"	283	163.00	2
85R-107-01	1 1/2"	463	225.00	2
85R-108-01	2"	712	300.00	1

STAINLESS STEEL 3 PIECE VALVES - SOCKET WELD-1000 LB-STANDARD PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
85-203-01	1/2"	97	92.24	8
85R-204-01	3/4"	135	115.00	8
85R-205-01	1"	196	146.00	6
85R-206-01	1 1/4"	283	163.00	2
85R-207-01	1 1/2"	463	225.00	2
85R-208-01	2"	712	300.00	1

ALLOY-20 3 PIECE VALVES-THREADED ENDS-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
401-103-01	1/2"	140	251.28	8
401-104-01	3/4"	194	339.75	8
401-105-01	1"	300	369.24	6
401-107-01	1 1/2"	741	729.04	2
401-108-01	2"	1278	813.98	1

ALLOY-20 3 PIECE VALVES-SOCKET WELD-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
401-203-01	1/2"	138	251.28	8
401-204-01	3/4"	192	339.75	8
401-205-01	1"	298	369.24	6
401-207-01	1 1/2"	739	729.04	2
401-208-01	2"	1276	813.98	1

STAINLESS STEEL 3 PIECE VALVES-THREADED ENDS-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86-101-01	1/4"	102	85.65	8
86-102-01	3/8"	98	92.04	8
86R-103-01	1/2"	135	104.00	8
86R-104-01	3/4"	189	150.00	8
86R-105-01	1"	295	180.00	6
86R-106-01	1 1/4"	500	210.00	2
86R-107-01	1 1/2"	736	280.00	2
86R-108-01	2"	1273	370.00	1
86-100-01	3"	4115	987.96	1

STAINLESS STEEL 3 PIECE VALVES-SOCKET WELD-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86-202-01	3/8"	98	92.04	8
86R-203-01	1/2"	133	104.00	8
86R-204-01	3/4"	186	150.00	8
86R-205-01	1"	276	180.00	6
86R-206-01	1 1/4"	487	210.00	2
86R-207-01	1 1/2"	718	280.00	2
86R-208-01	2"	1242	370.00	1
86-200-01	3"	4036	987.99	1

STAINLESS STEEL 3 PIECE VALVES-THREADED ENDS-1500 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86-501-01	1/4"	123	86.90	8
86-502-01	3/8"	118	92.01	8
86-503-01	1/2"	162	119.69	8
86-504-01A	3/4"	227	145.10	8
86-505-01A	1"	354	199.63	6
86-506-01A	1 1/4"	600	252.45	2
86-507-01A	1 1/2"	884	337.76	2
86-508-01A	2"	1528	590.29	1

STAINLESS STEEL 3 PIECE VALVES-SOCKET WELD-1500 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86-603-01	1/2"	160	119.70	8
86-604-01A	3/4"	224	145.16	8
86-605-01A	1"	332	199.63	8
86-606-01A	1 1/4"	585	252.46	2
86-607-01A	1 1/2"	862	337.76	2
86-608-01A	2"	1560	590.29	1

STAINLESS STEEL 3 PIECE VALVES-BUTT WELD ENDS-1000 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86R-703-01	1/2"	187	104.00	8
86R-704-01	3/4"	198	150.00	8
86R-705-01	1"	290	180.00	6
86R-707-01	1 1/2"	700	280.00	2
86R-708-01	2"	1308	370.00	1

STAINLESS STEEL 3 PIECE VALVES-BUTT WELD ENDS-1500 LB-FULL PORT

Part No.	Size	Wt./100	Price Each	Pieces Per Box
86-903-01	1/2"	160	122.71	8
86-904-01A	3/4"	224	154.13	8
86-905-01A	1"	332	207.27	6
86-907-01A	1 1/2"	862	349.49	2
86-908-01A	2"	1560	612.99	1

APOLLO® FLANGED END BALL VALVES

NOTES:

- Valves are supplied with lever operators as standard.
- 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 stem-to-body as standard (Previously-02 Option).
- All valve sizes have PTFE/RPTFE seats and seals as standard. *For API 607 4th Ed. Firesafe, -24 Option must be specified, on all sizes.*
- New options available on these valves include:
  - -70 4" CF8M SS Extended Bonnet
  - -73 Spiral-Wound Gasket, 316SS with PTFE Filler
  - -74 Spiral-Wound Gasket, 316SS with Graphite Filler
- Specify 87A-400 Series for Alloy 20 Valves (previously 400-100 Series).

CF8M STAINLESS STEEL VALVES-ANSI CLASS 150 FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87-103-01	1/2"	3.2	150.70	1
87-104-01	3/4"	4.6	162.15	1
87-105-01	1"	6.1	229.35	1
87A-107-01	1 1/2"	12.0	450.15	1
87A-108-01	2"	17.3	560.31	1
87A-109-01	2 1/2"	28.0	715.80	1
87A-100-01	3"	35.8	894.10	1
87A-10A-01	4"	55.0	1269.45	1
87A-10C-01	6"	104.0	2601.99	1
87A-10E-01	8"	185.0	4626.50	1
87A-10G-01	10"	280.0	7933.80	1

CF8M STAINLESS STEEL VALVES-ANSI CLASS 150 FLANGED ENDS-FULL PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87A-205-01	1"	7.4	239.54	1
87A-207-01	1 1/2"	18.2	604.35	1
87A-208-01	2"	26.4	758.17	1
87A-209-01	2 1/2"	37.0	966.89	1
87A-200-01	3"	58.3	1085.66	1
87A-20A-01	4"	98.0	1628.56	1
87A-20C-01	6"	212.0	3959.96	1
87A-20E-01	8"	385.5	5958.55	1
87A-20G-01	10"	607.0	8690.11	1
87A-20H-01	12"	885.5	18,926.25	1

CF8M STAINLESS STEEL VALVES-ANSI CLASS 300 FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87A-708-01	2"	27	567.04	1
87A-700-01	3"	56	1307.65	1
87A-70A-01	4"	89	1893.19	1
87A-70C-01	6"	179	3626.68	1
87A-70E-01	8"	265	6922.40	1
87A-70G-01	10"	401	13,871.41	1

CF8M STAINLESS STEEL VALVES-ANSI CLASS 600 FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87-808-01	2"	29	1066.95	1

CF8M STAINLESS STEEL VALVES-ANSI CLASS 300 FLANGED ENDS-FULL PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87A-903-01	1/2"	6	275.78	1
87A-904-01	3/4"	9	324.45	1
87A-905-01	1"	12	410.97	1
87A-907-01	1 1/2"	23	827.35	1
87A-908-01	2"	32	951.72	1
87A-900-01	3"	76	1611.44	1
87A-90A-01	4"	140	2200.85	1
87A-90C-01	6"	280	4034.00	1
87A-90E-01	8"	485	6381.88	1

CARBON STEEL VALVES-ANSI CLASS 150 FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88-103-01	1/2"	3.2	105.31	1
88-104-01	3/4"	4.5	134.53	1
88-105-01	1"	6.1	156.57	1
88A-107-01	1 1/2"	12.0	282.94	1
88A-108-01	2"	17.3	316.50	1
88A-109-01	2 1/2"	28.0	443.21	1
88A-100-01	3"	35.1	483.14	1
88A-10A-01	4"	54.5	844.76	1
88A-10C-01	6"	104.0	1497.42	1
88A-10E-01	8"	185.0	3219.35	1
88A-10G-01	10"	280.0	5745.53	1

CARBON STEEL VALVES-ANSI CLASS 150 FLANGED ENDS-STANDARD PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88-143-01	1/2"	3.2	109.93	1
88-144-01	3/4"	4.6	147.26	1
88-145-01	1"	6.1	164.33	1
88A-147-01	1 1/2"	12.0	303.19	1
88A-148-01	2"	17.3	343.11	1
88A-149-01	2 1/2"	28.0	458.26	1
88A-140-01	3"	35.1	562.40	1
88A-14A-01	4"	54.5	908.41	1
88A-14C-01	6"	104.0	1982.30	1
88A-14E-01	8"	185.0	4215.69	1
88A-14G-01	10"	280.0	7273.04	1

CARBON STEEL VALVES-ANSI CLASS 150 FLANGED ENDS - FULL PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-205-01	1"	7.4	180.53	1
88A-207-01	1 1/2"	18.2	344.84	1
88A-208-01	2"	26.4	365.68	1
88A-209-01	2 1/2"	37.0	534.63	1
88A-200-01	3"	58.3	630.68	1
88A-20A-01	4"	98.0	998.67	1
88A-20C-01	6"	212.0	1945.26	1
88A-20E-01	8"	395.0	3591.61	1
88A-20G-01	10"	607.0	8018.55	1
88A-20H-01	12"	885.0	11,345.45	1

CARBON STEEL VALVES-ANSI CLASS 600 FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88-808-01	2"	29.0	598.28	1
88-848-01**	2"	29.0	641.09	1

**316 SS BALL & STEM

CARBON STEEL VALVES-ANSI CLASS 150 FLANGED ENDS-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-245-01	1"	9.4	188.62	1
88A-247-01	1 1/2"	18.2	349.48	1
88A-248-01	2"	26.4	376.09	1
88A-249-01	2 1/2"	37.0	638.78	1
88A-240-01	3"	58.3	659.61	1
88A-24A-01	4"	98.0	1013.72	1
88A-24C-01	6"	225.0	2301.68	1
88A-24E-01	8"	395.0	4696.80	1
88A-24G-01	10"	607.0	8485.14	1
88A-24H-01	12"	885.0	13,813.33	1

CARBON STEEL VALVES-ANSI CLASS 300FLANGED ENDS-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-708-01	2"	27	416.82	1
88A-700-01	3"	56	830.87	1
88A-70A-01	4"	89	1251.52	1
88A-70C-01	6"	179	2214.89	1
88A-70E-01	8"	265	3847.71	1
88A-70G-01	10"	401	6894.62	1

CARBON STEEL VALVES-ANSI CLASS 300 FLANGED ENDS-STANDARD PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-748-01	2"	27	461.73	1
88A-740-01	3"	56	937.63	1
88A-74A-01	4"	89	1389.51	1
88A-74C-01	6"	179	2519.24	1
88A-74E-01	8"	265	4310.59	1
88A-74G-01	10"	401	8051.83	1

CARBON STEEL VALVES-ANSI CLASS 300 FLANGED ENDS-FULL PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-903-01	1/2"	6	156.82	1
88A-904-01	3/4"	9	173.04	1
88A-905-01	1"	12	237.93	1
88A-907-01	1 1/2"	23	513.71	1
88A-908-01	2"	32	594.83	1
88A-900-01	3"	76	919.28	1
88A-90A-01	4"	140	1297.80	1
88A-90C-01	6"	280	3568.95	1
88A-90E-01	8"	485	5094.38	1

CARBON STEEL VALVES-ANSI CLASS 300 FLANGED ENDS-FULL PORT WITH 316 SS BALL & STEM

Part No.	Size	Wt./each	Price Each	Pieces Per Box
88A-943-01	1/2"	6	167.63	1
88A-944-01	3/4"	9	189.26	1
88A-945-01	1"	12	264.97	1
88A-947-01	1 1/2"	23	567.79	1
88A-948-01	2"	32	675.94	1
88A-940-01	3"	76	1027.43	1
88A-94A-01	4"	140	1514.10	1
88A-94C-01	6"	280	4001.55	1
88A-94E-01	8"	485	5513.59	1

ALLOY-20 ANSI CLASS 150 FLANGED VALVES-STANDARD PORT

Part No.	Size	Wt./each	Price Each	Pieces Per Box
87A-403-01	1/2"	3.2	370.42	1
87A-404-01	3/4"	4.6	431.76	1
87A-405-01	1"	6.1	530.86	1
87A-407-01	1 1/2"	12.0	968.51	1
87A-408-01	2"	17.3	1130.13	1
87A-400-01	3"	35.8	1944.11	1
87A-40A-01	4"	55.0	2684.94	1

CF8M STAINLESS STEEL ANSI CLASS 150 FLANGED, FULL PORT, FUGITIVE EMISSIONS VALVES

Part No.	Size	Wt./each	Price Each	Pieces Per Box
452-203-01	1/2"	6.6	579.22	1
452-204-01	3/4"	9.6	614.61	1
452-205-01	1"	10.1	752.63	1
452-207-01	1 1/2"	25.3	858.81	1
452-208-01	2"	36.8	1420.32	1
452-200-01	3"	105	2395.92	1
452-20A-01	4"	160	3608.63	1
452-20C-01	6"	343	9705.18	1

CARBON STEEL ANSI CLASS 150 FLANGED, FULL PORT, FUGITIVE EMISSIONS VALVES

Part No.	Size	Wt./each	Price Each	Pieces Per Box
453-203-01	1/2"	6.6	556.80	1
453-204-01	3/4"	9.6	576.86	1
453-205-01	1"	10.1	712.52	1
453-207-01	1 1/2"	25.3	798.64	1
453-208-01	2"	36.8	1336.58	1
453-200-01	3"	105	2240.21	1
453-20A-01	4"	160	3369.16	1
453-20C-01	6"	343	6849.19	1

ADDER FOR GEAR OPERATORS ON ANSI CLASS 150 & 300 APOLLO® FLANGED VALVES

(-MG: W/STD. HANDWHEEL & -MH: W/STD. HANDWHEEL & LOCKING DEVICE)

ANSI CLASS 150 & 300 STANDARD PORT

	-MG	-MH
1 1/2", 2", 2 1/2"	$300.00	$380.00
3"	$350.00	$430.00
4"	$360.00	$440.00
6"	$460.00	$540.00
8"	$640.00	$730.00
10"	$690.00	$775.00

ANSI CLASS 150 & 300 FULL PORT

	-MG	-MH
1 1/2", 2", 2 1/2"	$300.00	$ 380.00
3"	$350.00	$ 430.00
4"	$460.00	$ 540.00
6"	$640.00	$ 730.00
8"	$690.00	$ 815.00
10"	1340.00	$1425.00
12"	1340.00	$1425.00

CAST CARBON STEEL VALVES-THREADED WITH MOUNTING PADS

Part No.	Size	WT./100	Price Each	Pieces Per Box
89-101-01	1/4"	58	19.82	10
89-102-01	3/8"	54	19.82	10
89-103-01	1/2"	63	19.82	10
89-104-01	3/4"	127	25.71	10
89-105-01	1"	163	35.87	10
89-106-01	1 1/4"	306	80.79	5
89-107-01	1 1/2"	398	102.25	5
89-108-01	2"	599	136.85	2
89-109-01	2 1/2"	1557	294.50	1
89-100-01	3"	1679	321.41	1

CAST CARBON STEEL VALVES - THREADED ENDS WITH 316 SS BALL AND STEM

Part No.	Size	Wt./each	Price Each	Pieces Per Box
89-141-01	1/4"	58	25.96	10
89-142-01	3/8"	54	25.96	10
89-143-01	1/2"	63	25.96	10
89-144-01	3/4"	127	37.75	10
89-145-01	1"	163	48.02	10
89-146-01	1 1/4"	306	95.37	5
89-147-01	1 1/2"	398	121.68	5
89-148-01	2"	599	158.75	2
89-149-01	2 1/2"	1557	356.49	1
89-140-01	3"	1679	382.21	1

CARBON STEEL VALVES WITH SPRING RETURN HANDLE

Part No.	Size	Wt./each	Price Each	Pieces Per Box
89-501-01	1/4"	126	61.34	10
89-502-01	3/8"	125	61.34	10
89-503-01	1/2"	131	61.34	10
89-504-01	3/4"	198	68.19	5
89-505-01	1"	235	73.10	5
89-506-01	1 1/4"	396	130.59	4
89-507-01	1 1/2"	478	160.44	2
89-508-01	2"	666	201.14	2

BRONZE VALVES-UL LISTED-UNIBODY-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
90-103-01	1/2"	53	7.88	10
90-104-01	3/4"	82	9.72	10
90-105-01	1"	125	14.29	10
90-106-01	1 1/4"	198	24.31	5
90-107-01	1 1/2"	299	31.49	5
90-108-01	2"	464	44.86	2

BRONZE VALVES-UNIBODY-THREADED ENDS - HEAVY PATTERN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
9A-101-01	1/4"	73	8.20	10
9A-102-01	3/8"	73	8.20	10
9A-103-01	1/2"	73	8.20	10
9A-104-01	3/4"	110	10.83	10
9A-105-01	1"	173	15.20	10
9A-106-01	1 1/4"	292	26.25	5
9A-107-01	1 1/2"	396	34.03	5
9A-108-01	2"	597	48.37	2

BRONZE VALVES-UNIBODY-THREADED ENDS STANDARD PATTERN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
91-101-01	1/4"	53	7.78	10
91-102-01	3/8"	53	7.78	10
91-103-01	1/2"	53	7.78	10
91-104-01	3/4"	82	9.96	10
91-105-01	1"	125	14.34	10
91-106-01	1 1/4"	198	24.61	5
91-107-01	1 1/2"	299	31.85	5
91-108-01	2"	464	44.81	2

BRONZE VALVES-UNIBODY-THREADED ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
91-141-01	1/4"	63	11.80	10
91-142-01	3/8"	53	11.80	10
91-143-01	1/2"	52	11.80	10
91-144-01	3/4"	81	13.73	10
91-145-01	1"	124	21.28	10
91-146-01	1 1/4"	197	33.31	5
91-147-01	1 1/2"	296	45.52	5
91-148-01	2"	460	62.60	2

BRONZE VALVES-SOLDER ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
91-203-05	1/2"	28	7.50	10
91-204-05	3/4"	44	9.72	10

CAST CARBON STEEL UNIBODY-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
92-101-01	1/4"	49	21.08	10
92-102-01	3/8"	49	21.08	10
92-103-01	1/2"	49	21.08	10
92-104-01	3/4"	76	25.37	10
92-105-01	1"	121	36.89	10
92-106-01	1 1/4"	195	53.16	5
92-107-01	1 1/2"	292	79.67	5
92-108-01	2"	473	101.91	2

CAST CARBON STEEL UNIBODY-THREADED ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
92-141-01	1/4"	49	25.86	10
92-142-01	3/8"	49	25.86	10
92-143-01	1/2"	49	25.86	10
92-144-01	3/4"	76	34.19	10
92-145-01	1"	121	45.27	10
92-146-01	1 1/4"	195	63.44	5
92-147-01	1 1/2"	292	93.42	5
92-148-01	2"	473	115.92	2

CARBON STEEL VALVES UNIBODY-THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
93-101-01	1/4"	56	15.88	10
93-102-01	3/8"	56	15.88	10
93-103-01	1/2"	56	15.88	10
93-104-01	3/4"	79	18.29	10
93-105-01	1"	127	24.48	10
93-106-01	1 1/4"	226	37.32	5
93-107-01	1 1/2"	357	51.66	5
93-108-01	2"	594	67.11	2

CARBON STEEL VALVES UNIBODY-THREADED ENDS WITH 316 SS BALL & STEM

Part No.	Size	Wt./100	Price Each	Pieces Per Box
93-141-01	1/4"	56	20.65	10
93-142-01	3/8"	56	20.65	10
93-143-01	1/2"	56	20.65	10
93-144-01	3/4"	79	27.15	10
93-145-01	1"	127	32.85	10
93-146-01	1 1/4"	226	47.60	5
93-147-01	1 1/2"	357	65.38	5
93-148-01	2"	594	81.11	2

CF8M STAINLESS STEEL VALVES-UNIBODY - THREADED ENDS

Part No.	Size	Wt./100	Price Each	Pieces Per Box
96-101-01	1/4"	49	27.96	10
96-102-01	3/8"	49	27.96	10
96-103-01	1/2"	49	27.96	10
96-104-01	3/4"	76	41.91	10
96-105-01	1"	121	46.73	10
96-106-01	1 1/4"	195	69.50	5
96-107-01	1 1/2"	292	104.76	5
96-108-01	2"	473	124.41	2

BRONZE VALVES-THREADED-FULL PORT WITH STOP & DRAIN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
95-103-01	1/2"	63	10.33	10
95-104-01	3/4"	139	19.22	10
95-105-01	1"	170	23.70	10

BRONZE VALVES-SOLDER ENDS-FULL PORT WITH STOP & DRAIN

Part No.	Size	Wt./100	Price Each	Pieces Per Box
95-203-01	1/2"	70	10.33	10
95-204-01	3/4"	123	19.22	10
95-205-01	1"	190	23.70	10

DRY CHLORINE VALVES-CARBON STEEL BODY-THREADED ENDS WITH M35-1 BALL & STEM

7A-131-26	1/4"	125	129.76	10
7A-132-26	3/8"	121	129.76	10
7A-133-26	1/2"	114	129.76	10
7A-134-26	3/4"	211	163.97	10
7A-135-26	1"	294	194.87	10
7A-136-26	1 1/4"	440	258.34	5
7A-137-26	1 1/2"	704	354.49	5
7A-138-26	2"	1086	432.53	2

BAR STOCK VALVES

Carbon Steel Valves - Female Threaded
10,000 PSI 1/8" - 1" 60-100 Series

Carbon Steel Valves - Male x Female Threaded
10,000 PSI 1/4" - 1/2" 60-110 Series

316 Stainless Steel Valves Female Threaded
10,000 PSI 1/8" - 1" 60-700 Series

316 Stainless Steel Valves Male x Female Threaded
10,000 PSI 1/4" - 1/2" 60-710 Series

Refer to RP&C Forged Steel Valves Price List (RPPL9000) for price and weights

BALL CONE® CHECK VALVES

Bronze Ball Cone Check Valve
- Standard 1/4" - 3" F Threaded 61-100 Series
- Soft Seat 1/4" - 2" F Threaded 61-500 Series

316 Stainless Steel Ball Cone Check Valve
- Standard 1/4" - 2" F Threaded 62-100 Series
- Soft Seat 1/4" - 1" F Threaded 62-500 Series

Refer to Plumbing & Heating Price List (PHPL9000) for price and weights

ADDITIONAL FEATURES AND VARIATIONS AVAILABLE

ADJUSTABLE STOP LEVER

Factory assembled or Kits — Same Price — for Standard Bronze Ball Valves

70 SERIES	82 SERIES	KIT#	ADDER
1/4" - 1/2"	1/4" - 3/8"	78-565-01	1.89
3/4" - 1"	1/2" - 3/4"	78-566-01	3.05
1 1/4" - 2"	1" - 2"	78-567-01	4.88

BALANCING STOPS, BRONZE ONLY

Add $1.00 Per Valve

-02 GROUNDED STEMADDER

Stem Grounded Only .47

-03 1-1/4" CS EXTENDED STEM see also pg. 17

1 1/4" EXTENSION

70 SERIES	82 SERIES	83,86 SERIES	87A/88A, 87/88 SERIES	ADDER
1/4" - 1/2"	1/4" - 3/8"	1/4" - 3/8"	-	2.68
3/4" - 1"	1/2" - 3/4"	1/2" - 3/4"	-	3.15
1 1/4" - 2"	1" - 1 1/4"	–	-	3.62
2 1/2" - 3"	1 1/2" - 2"	–	1/2" - 1"	6.20
		1" - 1 1/4"	-	19.69
		1 1/2" - 2"	-	20.84
			1 1/2" - 2 1/2"	25.20

-04 2-1/4" CS EXTENDED STEM see also pg. 17

2 1/4" EXTENSION

70 SERIES	82 SERIES	83,86 SERIES	87A/88A, 87,88 SERIES	ADDER
1/4" - 1/2"	1/4" - 3/8"	1/4" - 3/8"	-	3.62
3/4" - 1"	1/2" - 3/4"	1/2" - 3/4"	-	4.46
1 1/4" - 2"	1" - 1 1/4"	-	-	5.46
2 1/2" - 3"	1 1/2" - 2"	-	1/2" - 1"	7.19
		1" - 1 1/4"	-	20.84
		1 1/2" - 2"	-	22.00
			1 1/2" - 2 1/2"	39.90

-05 PLAIN BALL (Non-Chrome Plated)

No additional charge

-07 STEEL TEE HANDLE

No additional charge (See -32 for SS)

-08 90° REVERSED STEM (N/A Flanged Valves)

$2.36 ADDER

-10 SS LEVER AND NUT

70, 73A SERIES	82 SERIES	75 SERIES	ADDER
1/4"-1/2"	1/4"-3/8"	—	1.05
3/4"-1"	1/2"-3/4"	—	1.73
1 1/4"-2"	1"-1 1/4"	—	2.21
2 1/2"-3"	1 1/2"-2"	1/2"-1"	3.10
		1 1/4"-2"	4.94

-10 SS LEVER AND NUT (Continued)

72-100				
73-300	83			
73-400	83R	93-100	88A/88 SERIES	ADDER
—		1/2"-3/4"	-	1.58
1/2"-3/4"	1/4"-1/2"	1"-1 1/4"	-	1.89
1"	3/4"-1"	1 1/2"	1/2" - 1"	3.10
1 1/4", 1 1/2"	1 1/4"-2"	2"	1 1/2" - 2 1/2"	4.67

-14 VENTED BALL (UNIDIRECTIONAL)

Hole in upstream side of ball	ADDER
Bronze Ball, Thru 1 1/2"	.68
Stainless Ball, Thru 1 1/2"	2.52
2" Bronze or Stainless	3.31
3", 4", 6" Valves	27.56
8", 10", 12" Valves	44.10

-15 STEEL ROUND HANDLE

70				
73A				
76	82	91		
85*	83*	92		
89	86*	96	KIT #	ADDER
1/4"-1/2"	1/4"-3/8"	1/4"-3/4"	H-2548-00	3.15
3/4"-1"	1/2"-3/4"	1"-1 1/4"	H-2549-00	3.41
1 1/4"-2"	1"-2"	1 1/2"-2"	H-2605-00	6.30

Round handles - Additional Valve Series

73-300	93-100	KIT #	ADDER
—	1/2"-3/4"	H-2567-00	3.68
1/2"-3/4"	1"-1 1/4"	H-2568-00	4.52
1"	1 1/2"	H-2606-00	6.30

*Not available on 83R, 85R & 86R Models

-16 VERTICAL CHAIN LEVER FOR STANDARD APOLLO® (Chain not included)

VALVE SIZE	KIT #	ADDER
3/4" - 1"	78-407-01	4.10
1 1/4" - 2"	78-408-01	5.83

-17 ROUGH CHROME PLATED EXTERIOR

Bronze valves only

SIZE	ADDER
1/4"-1"	2.78
1 1/4"-2"	5.46
2 1/2"-3"	10.76

-18 PLAIN GRIP

No additional charge

-19 LOCK PLATE

93-100 SERIES	CONVERSION KITS	ADDER
3/4"	78-477-01	9.56
1"- 1 1/4"	78-478-01	9.71
1 1/2"	78-479-01	11.03
2"	78-480-01	11.39

76-100 SERIES	89-100 SERIES	CONVERSION KITS	ADDER
1/4"-1/2"	1/4"-1/2"	78-426-01	10.45
3/4"-1"	3/4"-1"	78-427-01	11.18
1 1/4"-2"	1 1/4"-2"	78-428-01	14.12

-21 UHMWPE SEATS, Graphite Stem Packing

	83R, 85R, 86R	87A-100	87A-200	
70, 76	82, 83, 86	88A-100	88A-200	ADDER
1/4"-1"	1/4"-1"	1/2"-1"	—	10.00
1 1/4"-3"	1 1/4"-2"	1 1/2"-2 1/2"	1"	17.00
		3"	1 1/2"-2 1/2"	17.25
		4"	—	49.00
		6"	—	69.00
		—	3"	58.00
		—	4"	92.00
		8"	6"	185.00
		10"	8"	460.00
		—	10"	690.00
		—	12"	1070.00

-23 TANK FLANGE (2" - 3 piece valves only)

82-108, 82-208, 83R-108, 83R-208	ADDER
83R-708, 86R-108, 86R-208, 86R-708	104.21

-24 GRAPHITE STEM PACKING STANDARD APOLLO®

see also pg. 17

THRD & SW	ADDER	FLANGED	ADDER
1/4"-1"	1.16	1/2"-1"	3.31
1 1/4"-3"	2.36	1 1/2"-2 1/2"	6.62
		3" & 4"	10.00
		6"-12"	20.00

-27 SS LATCH LOCK LEVER

see also pg. 17

70				
73A				
76				
89	77	82	KIT #	ADDER
1/4"-1/2"	1/4"-1/2"		W-6482-00	2.36
3/4"-1"	3/4"	1/2", 3/4"	W-6483-00	2.36
1 1/4"-2"	1"-1 1/4"	1", 1 1/4"	W-6484-00	2.36
2 1/2"-3"	1 1/2"-2 1/2"	1 1/2"-2"	W-6836-00	6.98
4"		2 1/2"	W-8075-00	28.67

	83	87-100		
85	86	88-100	KIT #	ADDER
		1/2"	W-7291-00	2.36
		3/4"-1"	W-7191-00	3.52
3/4"	1/2"		W-6483-00	2.36
1"	3/4"		W-7089-00	5.25
1 1/4", 1 1/2"	1"-1 1/4"		W-7090-00	5.25
2"	1 1/2", 2"		W-7091-00	8.72
	3"		W-8075-00	28.67

-29 GRAPHITE STEM PACKING AND BODY GASKETS (1500 LB. 3-PC. FIRESAFE DESIGN)

83-500 83-600		
86-500 86-600	83-300	
86-900	83-400	ADDER
1/4", 3/8"	1/2"	2.94
1/2"	3/4"	4.10
3/4"	1"	4.67
1"	1 1/4"	5.83
1 1/4"	1 1/2"	6.41
1 1/2"	2"	6.98
2"		10.45

-30 CAM LOCK HANDLE & GROUNDED STEM

70				
73A		9A		
71		91	82	
76		92	83	
89	77	96	86	ADDER
1/4"- 1/2"	1/4"- 1/2"	1/2"- 3/4"	1/4"- 3/8"	13.00
3/4"- 1"	3/4"	1"- 1 1/4"	1/2"	15.50
1 1/4"- 2"	1"- 2"	1 1/2"- 2"		18.00

-32 SS HI-RISE TEE HANDLE

(Complete w/SS Nut)

SIZE	ADDER
1/4"- 1/2"	2.21
3/4"- 1"	2.47
1 1/4"- 2"	4.31

-33 76-300/400 DRILLED AND THREADED FOR ACTUATOR MOUNTING

ADDER
5.00

-35 VIRGIN TFE (PTFE) TRIM

70, 76, 82-100, 83-100, 86-100, 83R, 85R, 86R
87A & 88A SERIES THRU 4"

SIZE	ADDER
1/4"-1"	.42
1 1/4"-2"	.79
2 1/2"-4"	1.26

-39 SS HI-RISE, LOCKING SS ROUND HANDLE

SERIES	SIZE	ADDER
70,73A,76 & 89	1/4"-1/2"	9.00
	3/4"-1"	9.00
	1 1/4"-2"	14.00

-40 CYL-LOCK HANDLE & GROUNDED STEM

70, 71, 73A		9A, 91	82, 83	
76, 89	77	92, 96	86	ADDER
1/4"-1/2"	1/4"-1/2"	1/2"-3/4"	1/4"-3/8"	35.70
3/4"-1"	3/4"	1"-1 1/4"	1/2"	39.90
1 1/4"-2"	1"-1 1/4"	1 1/2"-2"		47.25

-44 SEAL WELDED

73A-100, 76-100 & 89-100 SERIES	ADDER
1/4"-3/8"	P.O.A.
1/2"-1"	11.00
1 1/2"-2"	14.00

-45 LESS LEVER AND NUT

No additional charge.

-46 SS LATCH LOCK LEVER, LOCK IN CLOSED POSITION ONLY

			91-100		
70, 73A	7K		92-100		
76, 89	77	82	96-100	KIT #	ADDER
1/4"-1/2"	1/4"-1/2"	-	1/2"-3/4"	W-8368-00	12.00
3/4"-1"	3/4"	1/2",3/4"	1",1 1/4"	W-8370-00	12.00
1 1/4"-2"	1"-1 1/4"	1",1 1/4"	1 1/2",2"	W-8372-00	12.00
2 1/2"-3"	1 1/2"-2 1/2"	1 1/2"-2"	-	W-8374-00	20.00

-47 SS LATCH LOCK OVAL HANDLE, SS NUT

	83-100, 500	9A, 91	
70, 71, 73A, 74,76, 77	86-100, 500	92, 96	ADDER
1/4"-1/2"	1/4", 3/8"	1/4"-3/4"	13.00
3/4", 1"	1/2"	1",1 1/4"	13.00
	3/4"		17.60
	1"-2"		20.00

-48 SS OVAL HANDLE, NO LATCH, SS NUT

		82	82			
70, 71, 73A		*83	**83	9A,91		
76, 89	77	85	86	92,96	HANDLE	ADDER
1/4"-1/2"	1/4"-1/2"	1/4"-1/2"	1/4",3/8"	1/4"-3/4"	H-3031-00	10.50
3/4",1"	3/4"	3/4"-1"	1/2",3/4"	1",1 1/4"	H-3032-00	10.50
1 1/4"-2"	1"-2"	1 1/4"-2"	1"-2"	1 1/2",2"	H-3033-00	15.75

* - REDUCED PORT **- FULL PORT

-50 2-1/4" CS STEM EXTENSION, LOCKING

70, 73A		91		
76, 89	82	92,96	KIT #	ADDER
1/4"-1/2"	1/4",3/8"	3/4"	78-001-01	14.00
3/4",1"	1/2",3/4"	1",1 1/4"	78-002-01	14.00
1 1/4"	1"-1 1/4"	1 1/2",2"	78-003-01	21.00
1 1/2", 2"	-	-	78-004-01	21.00
2 1/2",3"	1 1/2",2"	-	78-005-01	21.00

-56 MULTIFILL (MTFE) SEATS

	ADDER
1/4"-1" Valves	1.10
1 1/4"-2" Valves	1.80
2 1/2"-3" Valves	9.20

-57 OXYGEN CLEANED

Bronze and stainless valves only	ADDER
1/4"-2"	5.83
2 1/2"-6"	17.38
8",10", 12"	55.13

-59 STAINLESS STEEL EXTERNAL TRIM

for 82 and 83/83R series for levers, tie bolts and nuts

Size	ADDER
1/4"-3/8"	3.50
1/2"-3/4"	4.40
1"-1 1/4"	9.20
1 1/2"-2"	12.00

-60 GROUNDED BALL AND STEM

THRD, SW	FLANGED	ADDER
1/4"-3"	1/2"-2 1/2"	3.30
	3"-6"	30.00
	8"-12"	51.00

-62 CENTER SECTION FOR 3 PC. & DOUBLE UNION VALVES

Consult customer service.

-63 NPT X SOLDER/SOCKET WELD

Consult customer service.
No additional charge.

-64 250 LB. STEAM TRIM

70-140, 73A-140, 89-140, 76-100, 83-540, 83-640, 86-500 and 86-600 series only, list ADDER

SIZE	STD. APOLLO	APOLLO -3
1/4"-3/8"	4.67	12.18
1/2"	4.67	16.22
3/4"	4.67	16.22
1"	4.67	24.31
1 1/4"	8.14	24.31
1 1/2"	8.14	24.31
2"	8.14	31.29
2 1/2"	9.29	N/A
3"	9.29	N/A

-69 PURGE PORTS DRILLED, TAPPED AND PLUGGED (FLANGED VALVES)

SERIES	SIZE	ADDER
87A/88A	1/2"-1"	70.00
	1 1/2"	80.00
	2"	85.00
	2 1/2"	100.00
	3"	105.00
	4"	110.00
	6"	150.00
	8"	230.00
	10"	440.00
	12"	P.O.A.

-70 4" SS EXTENDED BONNET W/RPTFE TRIM

87A/88A-100, -700	(Standard Port)	ADDER
1 1/2"	W-8654-05	180.00
2"	W-8656-05	220.00
2 1/2" & 3"	W-8658-05	235.00
4" & 6"	W-8660-05	310.00
87A/88A-200, -900	**(Full Port)**	**ADDER**
1"	W-8654-05	180.00
1 1/2"	W-8656-05	220.00
2" & 2 1/2"	W-8658-05	235.00
3" & 4"	W-8660-05	310.00

*Other trim options available. Consult customer service.

-71 MOUNTING PADS DRILLED AND TAPPED

SERIES	
73A	15.00

-73 SPIRAL WOUND GASKETS 316 SS WITH PTFE FILLER

87A/88A-100, -700		87A/88A-200, -900	
Std. Port	Adder	Full Port	Adder
1"	10.00	1"	10.00
1 1/2"	10.00	1 1/2"	10.00
2"	10.00	2"	10.00
2 1/2"	10.00	2 1/2"	10.00
3"	10.00	3"	15.00
4"	15.00	4"	20.00
6"	20.00	6"	35.00
8"	35.00	8"	50.00
10"	50.00	10"	90.00
12"	-	12"	100.00

-74 SPIRAL WOUND GASKETS 316 SS WITH GRAPHITE FILLER

87A/88A-100, -700		87A/88A-200, -900	
Std. Port	Adder	Full Port	Adder
1"	10.00	1"	10.00
1 1/2"	10.00	1 1/2"	10.00
2"	10.00	2"	10.00
2 1/2"	10.00	2 1/2"	10.00
3"	10.00	3"	15.00
4"	15.00	4"	20.00
6"	20.00	6" - 12"	See -24
8" - 10"	See -24		

REPLACEMENT SEAL KITS

Size	Kit No.	Price Each
70, 71, 73A, 74, 76, 89, & 399 Series (Except 3-Way)		
1/4"-3/8"	70-002-01	2.20
1/2"	70-003-01	2.20
3/4"	70-004-01	3.80
1"	70-005-01	5.39
1 1/4"	70-006-01	8.58
1 1/2"	70-007-01	11.11
2"	70-008-01	15.51
2 1/2", 3"	70-009-01	22.66
2 1/2" (70 Series Only)	78-020-01	22.66
70-600 & 76-600 Series		
1/2"	70-003-01	2.20
3/4"	70-004-01	3.80
1"	90-006-01	8.58
1 1/4"	70-006-01	8.58
1 1/2"	70-007-01	11.11
2"	70-008-01	15.51
77-100 & 77-200 Series		
1/4"-3/8"	70-003-01	2.20
1/2"	70-003-01	2.20
3/4"	90-006-01	8.58
1"	90-007-01	11.11
1 1/4"	70-007-01	11.11
1 1/2"	70-008-01	15.51
2"	78-020-01	16.56
2 1/2"	70-009-01	22.66

Size	Kit No.	Price Each
75-100 Series		
1/4"-1/2"	70-003-01	2.20
3/4"-1"	70-005-01	5.39
1 1/4"	70-006-01	8.58
1 1/2"	70-007-01	11.11
2"	70-008-01	15.51
73-300, 73-400, 76-300 & 76-400 Series		
1/4"-1/2"	73-033-01	3.47
3/4"	73-034-01	4.95
1"	73-035-01	7.87
1 1/4"	73-036-01	10.18
1 1/2"	73-037-01	14.25
2"	73-038-01	18.48
72-100 & 72-900 Series		
1/4"-1/2"	72-003-01	3.47
3/4"	72-004-01	4.95
1"	72-005-01	7.87
1 1/4"	72-006-01	10.18
1 1/2"	72-007-01	14.25
2"	72-008-01	18.48
82-100, 82-200, 83-100, 83-200, 86-100, 86-200, 83-700, 86-700, 401-100 & 401-200 Series		
(For 85 Series Use One Size Smaller Kit)		
1/4"-3/8"	82-002-01	2.53
1/2"	82-003-01	3.80
3/4"	82-004-01	5.39
1"	82-005-01	8.58
1 1/4"	82-006-01	11.11
1 1/2"	82-007-01	15.51
2"	82-008-01	20.19
2 1/2"	82-009-01	20.90
3"	82-000-01	22.39
3"	86-000-01	25.19
4"	82-00A-01	23.60

Size	Kit No.	Price Each
83-500, 83-600, 86-500 & 86-600 Series		
(83-300 & 400 Series Use One Size Smaller)		
1/4"-3/8"	83-052-01	2.53
1/2"	83-053-01	3.85
3/4"	83-054-01	5.45
1"	83-055-01	8.69
1 1/4"	83-056-01	11.22
1 1/2"	83-057-01	15.68
2"	83-058-01	20.35
90, 91, 92, 93, 9A & 96 Series		
1/4"-1/2"	90-003-01	2.53
3/4"	90-004-01	3.80
1"	90-005-01	5.39
1 1/4"	90-006-01	8.58
1 1/2"	90-007-01	11.11
2"	90-008-01	15.51

87(A)/88(A) REPLACEMENT KITS -01 VALVES ONLY

Kit Number	Regular Port	Full Port	List Price
87-003-01	1/2"	-	2.55
87-004-01	3/4"	-	3.80
87-005-01	1"	–	5.40
87A-025-01	–	1"	15.00
87A-017-01	1 1/2"	–	12.00
87A-027-01	–	1 1/2"	17.00
87A-018-01	2"	–	18.00
87A-028-01	2 1/2"	2"	30.00
87A-029-01	3"	2 1/2"	38.00
87A-020-01	4"	3"	60.00
87A-02A-01	6"	4"	80.00
87A-02C-01	8"	6"	POA
87A-02E-01	10"	8"	POA
87A-02G-01	–	10"	POA
87A-02H-01	–	12"	POA

83R, 85R, 86R OPTIONS

-03 1 1/4" CS STEM EXTENSION

85R	83R, 86R	Kit Number	Adder
3/4"	1/2"	78-158-01	10.00
1"-1 1/4"	3/4"-1"	78-159-01	24.00
1 1/2"-2"	1 1/4"-2"	78-160-01	27.00

-04 2 1/4" CS STEM EXTENSION

85R	83R, 86R	Kit Number	Adder
3/4"	1/2"	78-161-01	12.00
1"-1 1/4"	3/4"-1"	78-162-01	24.00
1 1/2"-2"	1 1/4"-2"	78-163-01	30.00

-24 GRAPHITE STEM PACKING

85R	83R, 86R	Adder
3/4"-1 1/4"	1/2"-1"	3.15
1 1/2"-2"	1 1/4"-2"	6.30

-27 SS LATCH LOCK LEVER HANDLE

85R	83R, 86R	Kit Number	Adder
3/4"	1/2"	W-8750-00	5.00
1"-1 1/4"	3/4"-1"	W-8751-00	9.00
1 1/2"-2"	1 1/4"-2"	W-8752-00	14.00

83R, 85R & 86R OPTIONS

-AR Lever Removed, Stops Removed, Belleville Washers

No Additional Charge.

-WB Belleville Washers and Lever

85R	83R, 86R	Adder
3/4"	1/2"	3.50
1"-1 1/4"	3/4"-1"	7.00
1 1/2"-2"	1 1/4"-2"	10.00

-36 SS Round Handle

85R	83R, 86R	Kit #	Adder
3/4"	1/2"	H-3606-00	7.00
1"	3/4"	H-3607-00	12.00
1 1/4"	1"	H-3607-00	12.00
1 1/2"	1 1/4"	H-3608-00	20.00
2"	1 1/2"	H-3608-00	20.00
	2"	H-3608-00	20.00

-39 SS Round Locking Handle

85R	83R, 86R	Kit #	Adder
3/4"	1/2"	H-3609-00	17.00
1"	3/4"	H-3610-00	20.00
1 1/4"	1"	H-3610-00	20.00
1 1/2"	1 1/4"	H-3611-00	25.00
2"	1 1/2"	H-3611-00	25.00
	2"	H-3611-00	25.00

Replacement Seal Kits

83R-100, 83R-200, 86R-100, 86R-200 Series

Size	Kit #	Price Ea.
1/4"-1/2"	83R-003-01	4.00
3/4"	83R-004-01	5.50
1"	83R-005-01	8.50
1 1/4"	83R-006-01	11.00
1 1/2"	83R-007-01	15.00
2"	83R-008-01	20.00

85R-100 & 85R-200 Series

Size	Kit #	Price Ea.
3/4"	83R-003-01	4.00
1"	83R-004-01	5.50
1 1/4"	83R-005-01	8.50
1 1/2"	83R-006-01	11.00
2"	83R-007-01	15.00

ADDITIONAL SERVICES

TAGGING

($25.00 MINIMUM BILLING) Consult with Apollo® Sales agent for details and limitations.

A. Paper Tags.....0.50 net ea.

B. Soft Aluminum Tags .....0.75 net ea.

C. Stainless Steel Tags .....3.00 net ea.

DOCUMENTATION

Certificate of Compliance on Conbraco Form - NO ADDITIONAL CHARGE if requested at time of order.

MILL TEST REPORT (MTR)

$25.00 net with order only; also available at www.conbraco.com at no additional charge.

TESTING TO API 598

Flange Valves are tested to API-598 as standard - No Additional Charge.
Threaded and Socket Weld Valves @ 7.50 net

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 $4,000 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 delivery 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.

Other Conbraco products may be combined with ball valves 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 of 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. 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.

WARRANTY & LIMITATIONS OF LIABILITY

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

Should any failure to conform to this warranty appear within one year 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.

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

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