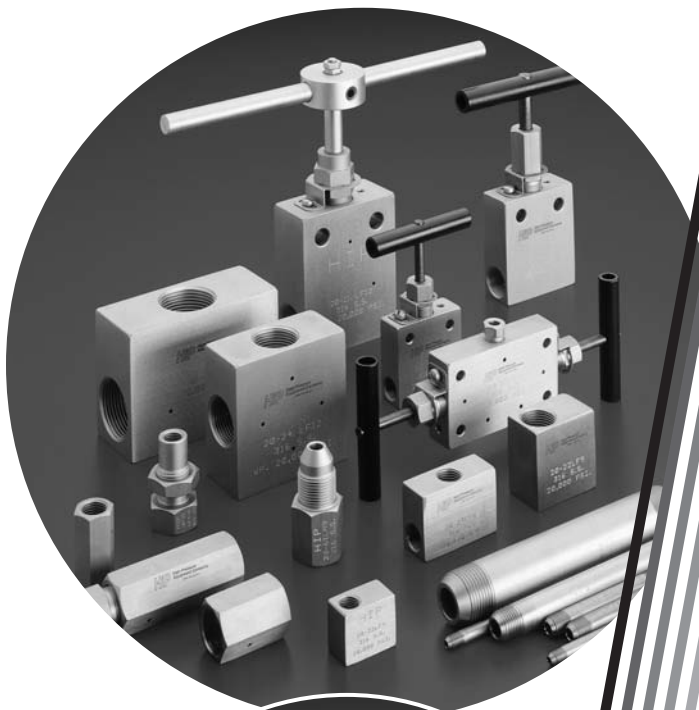


High Pressure Equipment Company



International Price List

***Effective
December 1, 2007***



ISO 9001
CERTIFIED

www.highpressure.com
e-mail: sales@highpressure.com



Standard Terms

Ex-Works Erie, Pennsylvania USA

Terms: Payment in Advance Wire Transfer or Credit Card

High Pressure Equipment Company reserves the right to change any of the prices shown in this list, without notice.

Not all available spare parts are shown in this price list. If you are unable to locate a given part, please contact our customer service department.

Quantity Discounts

1-10	Net
11-49	Less 5%
50-99	Less 10%
100 +	Consult factory

Connection Components

All VALVES AND FITTINGS (except nipples) include necessary Glands and Collars (sleeves) where applicable. When Glands and Collars are not required, specify on order and deduct the following amounts *per opening*:

AF1	 \$ 4.00	LF4	 \$ 4.00	HF2	 \$ 4.00	XF4	 \$ 4.00
AF2	 4.00	LF6	 5.00	HF4	 4.00	XF6	 6.00
AF4	 5.00	LF9	 6.00	HF6	 5.00		
AF6	 5.00	LF12	 10.00	HF9	 6.00		
		LF16	 16.00	HF16	 16.00		

Tubing

1/16" O.D. and 1/8" O.D. tubing can be coiled for shipment. All other sizes must be shipped straight. When ordering please note the following limitations and advise lengths desired:

U.P.S./Air Parcel Post/Federal Express	 8 foot limit
Air Freight/Air Express	 10 foot limit
Motor Freight	 No limit

Coning and Threading Charge

1/8" to 9/16" Tubing	 \$ 11.00/end
3/4" and 1" Tubing	 24.00/end

Autofrettage Charge

\$ 35.00 per end includes coning and threading

Certifications

Note: Price includes shipment via first class mail. Other certifications available upon request. Consult factory for price information and availability.

Chemical & Physical Test Reports	 \$ 18.00
Certificate of Test	 18.00
Certificate of Conformance	 18.00
Tubing Specification	 18.00
SGS Certificate	 18.00

Taper Seal Valves, Fittings & Tubing

Taper Seal Valves (Catalog Page 2.3)

15-11AF1	\$ 103.00
15-11AF2	105.00
10-11AF4	108.00
10-11AF6	114.00
15-12AF1	104.00
15-12A2	106.00
10-12AF4	110.00
10-12AF6	114.00
15-13AF1	112.00
15-13AF2	130.00
10-13AF4	134.00
10-13AF6	137.00
15-14AF1	111.00
15-14AF2	129.00
10-14AF4	133.00
10-14AF6	137.00
15-15AF1	193.00
15-15AF2	198.00
10-15AF4	202.00
10-15AF6	211.00

Taper Seal Fittings (Catalog Page 2.4)

Elbows	
15-22AF1	\$ 37.00
15-22AF2	38.00
10-22AF4	49.00
10-22AF6	55.00

Tees	
15-23AF1	\$ 45.00
15-23AF2	48.00
10-23AF4	63.00
10-23AF6	69.00

Crosses	
15-24AF1	\$ 58.00
15-24AF2	60.00
10-24AF4	75.00
10-24AF6	84.00

Taper Seal Bulkhead Couplings	
15-21AF1-B	\$ 64.00
15-21AF2-B	67.00
10-21AF4-B	74.00
10-21AF6-B	77.00

Taper Seal Caps

15-21AF1-C	\$ 23.00
15-21AF2-C	23.00
10-21AF4-C	23.00
10-21AF6-C	25.00

Taper Seal Line Filters (Catalog Page 2.5)

15-51AF1	\$ 143.00
15-51AF2	145.00
10-51AF4	172.00
10-51AF6	179.00

Taper Seal Ball Check Valves (Catalog Page 2.5)

15-41AF1	\$ 105.00
15-41AF2	104.00
10-41AF4	108.00
10-41AF6	116.00

Taper Seal Soft Seat Check Valves (Catalog Page 2.5)

15-41AF1-T	\$ 116.00
15-41AF2-T	118.00
10-41AF4-T	114.00
10-41AF6-T	120.00

Taper Seal Safety Heads (Catalog Page 2.6)

10-61AM4	\$ 98.00
10-61AM6	99.00
15-63AF1	137.00
15-63AF2	139.00
10-63AF4	145.00
10-63AF6	148.00
15-61AF1	118.00
15-61AF2	119.00
10-61AF4	121.00
10-61AF6	123.00

Taper Seal Rupture Discs (Catalog Page 2.7)

1,500 to 5,000 psi	\$ 32.00
5,500 to 15,000 psi	45.00

Taper Seal Connection Components (Catalog Page 2.A)

Glands		316 S.S.
15-2AM1	\$ 6.00	
15-2AM2	6.00	
10-2AM4	7.00	
10-2AM6	8.00	

Sleeves

15-2A1	\$ 4.00
15-2A2	5.00
10-2A4	6.00
10-2A6	7.00

Plugs

15-7AM1	\$ 5.00
15-7AM2	7.00
10-7AM4	7.00
10-7AM6	8.00

NPT Fittings

Elbows	
15-22NFA 1/8" NPT	\$ 43.00
15-22NFB 1/4" NPT	43.00
15-22NFC 3/8" NPT	43.00
15-22NFD 1/2" NPT	48.00

Tees	
15-23NFA 1/8" NPT	\$ 61.00
15-23NFB 1/4" NPT	64.00
15-23NFC 3/8" NPT	64.00
15-23NFD 1/2" NPT	64.00

Crosses	
15-24NFA 1/8" NPT	\$ 67.00
15-24NFB 1/4" NPT	67.00
15-24NFC 3/8" NPT	67.00
15-24NFD 1/2" NPT	75.00

Couplings	
15-21NFA 1/8" NPT	\$ 48.00
15-21NFB 1/4" NPT	48.00
15-21NFC 3/8" NPT	48.00
15-21NFD 1/2" NPT	60.00
10-21NFF 3/4" NPT	103.00
10-21NFH 1" NPT	106.00

Line Filters	
15-51NFB 1/4" NPT	\$ 149.00
15-51NFC 3/8" NPT	149.00
15-51NFD 1/2" NPT	176.00

Ball Check Valves	
15-41NFB 1/4" NPT	\$ 132.00
15-41NFC 3/8" NPT	132.00
15-41NFD 1/2" NPT	159.00
10-41NFF 3/4" NPT	262.00

Soft Seat Check Valves	
15-41NFB-T 1/4" NPT	\$ 135.00
15-41NFC-T 3/8" NPT	135.00
15-41NFD-T 1/2" NPT	137.00

(Continued on page 4)

Taper Seal Tubing (Catalog Page 2.7)

Size	Material	Catalog No.	Price/Foot 0-75 Feet	Price/Foot 76-150 Feet	Price/Foot 151-500 Feet	Price/Foot 501-1000 Feet
1/16" O.D. x 0.006" I.D.	316 S.S.	15-9A1-006	\$ 5.70	\$ 5.25	\$ 4.75	\$ 4.55
1/16" O.D. x 0.030" I.D.	316 S.S.	15-9A1-030	5.20	4.90	4.60	4.25
1/8" O.D. x 0.060" I.D.	316 S.S.	15-9A2	5.65	5.30	4.90	4.65
1/8" O.D. x 0.060" I.D.	HC276	15-9A2-HC276	25.00	23.00	21.00	20.00
1/4" O.D. x 1/8" I.D.	316 S.S.	10-9A4-316	11.15	10.40	9.90	9.45
1/4" O.D. x 1/8" I.D.	304 S.S.	10-9A4-304	8.90	8.50	8.00	7.75
3/8" O.D. x 1/4" I.D.	316 S.S.	10-9A6-316	12.40	11.55	10.70	10.30



Safety Heads

15-61NMA 1/8" Male NPT ..	\$ 105.00
15-61NMB 1/4" Male NPT ...	105.00
15-61NMC 3/8" Male NPT ...	105.00
15-61NMD 1/2" Male NPT ...	126.00

Hex Nipples

15-21NMANMA 1/8" Male NPT ..	\$ 42.00
15-21NMBNMB 1/4" Male NPT ..	42.00
15-21NMCNMC 3/8" Male NPT ..	42.00
15-21NMDNMD 1/2" Male NPT ..	42.00

Medium Pressure Valves, Fittings & Tubing

Medium Pressure Valves (Catalog Page 3.3)

20-11LF4	\$ 110.00
20-11LF6	122.00
20-11LF9	162.00
20-11LF12	680.00
20-11LF16	964.00
10-11LF16	977.00
10-11LF12	681.00
20-12LF4	113.00
20-12LF6	127.00
20-12LF9	162.00
20-12LF12	736.00
20-12LF16	1,010.00
10-12LF12	728.00
10-12LF16	1,011.00
20-13LF4	137.00
20-13LF6	148.00
20-13LF9	202.00
20-13LF12	803.00
20-13LF16	1,074.00
10-13LF12	811.00
10-13LF16	1,091.00
20-14LF4	148.00
20-14LF6	162.00
20-14LF9	208.00
20-14LF12	821.00
20-14LF16	1,099.00

10-14LF12	\$ 830.00
10-14LF16	1,116.00
20-15LF4	233.00
20-15LF6	250.00
20-15LF9	307.00
20-15LF12	1,544.00
20-15LF16	1,885.00
10-15LF12	1,616.00
10-15LF16	1,953.00
20-12LF4-R	215.00
20-12LF6-R	238.00
20-12LF9-R	287.00
20-12LF12-R	973.00
20-12LF16-R	1,172.00
10-12LF12-R	1,206.00
10-12LF16-R	1,226.00

Medium Pressure Fittings (Catalog Page 3.4)

Elbows

20-22LF4	\$ 32.00
20-22LF6	43.00
20-22LF9	53.00
20-22LF12	114.00
20-22LF16	199.00

Tees

20-23LF4	\$ 43.00
20-23LF6	49.00
20-23LF9	73.00
20-23LF12	153.00
20-23LF16	235.00

Crosses

20-24LF4	\$ 52.00
20-24LF6	59.00
20-24LF9	92.00
20-24LF12	208.00
20-24LF16	320.00

Medium Pressure Union Couplings (Catalog Page 3.5)

20-21LF4-U	\$ 53.00
20-21LF6-U	59.00
20-21LF9-U	79.00
20-21LF12-U	134.00
20-21LF16-U	184.00

Medium Pressure Bulkhead Couplings (Catalog Page 3.5)

20-21LF4-B	\$ 77.00
20-21LF6-B	93.00
20-21LF9-B	120.00
20-21LF12-B	239.00
20-21LF16-B	352.00

Medium Pressure Caps (Catalog Page 3.5)

20-21LF4-C	\$ 29.00
20-21LF6-C	32.00
20-21LF9-C	40.00
20-21LF12-C	58.00
20-21LF16-C	77.00

Medium Pressure Line Filters (Catalog Page 3.6)

20-51LF4	\$ 159.00
20-51LF6	171.00
20-51LF9	264.00

Medium Pressure Ball Check Valves (Catalog Page 3.6)

20-41LF4	\$ 106.00
20-41LF6	110.00
20-41LF9	150.00
20-41LF12	429.00
20-41LF16	682.00
10-41LF16	602.00

Medium Pressure Soft Seat Check Valves (Catalog Page 3.6)

20-41LF4-T	\$ 113.00
20-41LF6-T	121.00
20-41LF9-T	149.00
20-41LF12-T	427.00
20-41LF16-T	653.00
10-41LF16-T	602.00

Medium Pressure Safety Heads (Catalog Page 3.7)

20-61LM4	\$ 95.00
20-61LM6	99.00
20-61LM9	108.00
20-61LM12	232.00
20-61LM16	246.00

Medium Pressure Tubing (Catalog Page 3.9)

Size	Material	Catalog No.	Price/Foot 0-75 Feet	Price/Foot 76-150 Feet	Price/Foot 151-500 Feet	Price/Foot 501-1000 Feet
1/4" O.D. x 0.109" I.D.	316 S.S.	20-9M4-316	\$ 12.95	\$ 11.60	\$ 10.70	\$ 9.55
3/8" O.D. x 0.203" I.D.	316 S.S.	20-9M6-316	14.60	13.40	12.60	11.85
9/16" O.D. x 0.312" I.D.	304 S.S.	20-9M9-304	16.40	15.40	14.80	13.80
9/16" O.D. x 0.359" I.D.	316 S.S.	10-9M9-316	27.00	25.00	23.00	22.00
9/16" O.D. x 0.312" I.D.	316 S.S.	20-9M9-316	22.70	20.80	18.90	17.90
3/4" O.D. x 0.516" I.D.	316 S.S.	10-9M12-316	32.00	30.00	29.00	27.00
3/4" O.D. x 0.438" I.D.	316 S.S.	20-9M12-316	34.00	32.00	30.00	29.00
1" O.D. x 0.688" I.D.	316 S.S.	10-9M16-316	50.00	48.00	45.00	44.00
1" O.D. x 0.562" I.D.	316 S.S.	20-9M16-316	55.00	51.00	49.00	48.00

Medium Pressure Rupture Discs**(Catalog Page 3.7)**

1,500 to 5,000 psi	\$ 32.00
5,500 to 20,000 psi	45.00

Medium Pressure Anti-Vibration**(Catalog Page 3.8)****Gland Assembly**

20-3LM4	\$ 42.00
20-3LM6	45.00
20-3LM9	55.00
20-3LM12	63.00
20-3LM16	103.00

Component Parts**Slotted Collet**

2-8769	\$ 12.00
2-8772	12.00
2-8775	27.00
2-8778	28.00
2-8781	57.00

Collet Gland

2-8770	\$ 16.00
2-8773	17.00
2-8776	12.00
2-8779	17.00
2-8782	21.00

Collet Body

2-8768	\$ 25.00
2-8771	21.00
2-8774	30.00
2-8777	33.00
2-8780	47.00

Medium Pressure Nipples (316 S.S.)
(Catalog Page 3.9)

20-LM4-2.75	\$ 11.00
20-LM4-6	15.00
20-LM4-8	16.00
20-LM4-10	19.00
20-LM4-12	23.00

20-LM6-3	14.00
20-LM6-6	20.00
20-LM6-8	23.00
20-LM6-10	25.00
20-LM6-12	29.00

20-LM9-4	23.00
20-LM9-6	28.00
20-LM9-8	33.00
20-LM9-10	39.00
20-LM9-12	44.00

10-LM12-4	33.00
10-LM12-6	34.00
10-LM12-8	47.00
10-LM12-10	52.00
10-LM12-12	60.00

20-LM12-4	34.00
20-LM12-6	38.00
20-LM12-8	49.00
20-LM12-10	62.00
20-LM12-12	64.00

10-LM16-6	50.00
10-LM16-8	58.00

10-LM16-10	\$ 65.00
10-LM16-12	75.00

20-LM16-6	58.00
20-LM16-8	64.00
20-LM16-10	75.00
20-LM16-12	86.00

Medium Pressure
Connection Components
(Catalog Page 3.A)**Glands 316 S.S.**

20-2LM4	\$ 5.00
20-2LM6	7.00
20-2LM9	10.00
20-2LM12	15.00
20-2LM16	24.00

Collars 316 S.S.

20-2L4	\$ 4.00
20-2L6	5.00
20-2L9	7.00
20-2L12	8.00
20-2L16	13.00

Plugs 316 S.S.

20-7LM4	\$ 7.00
20-7LM6	8.00
20-7LM9	12.00
20-7LM12	17.00
20-7LM16	32.00

High Pressure
Valves, Fittings
& Tubing**High Pressure Valves****(Catalog Page 4.3)**

30-11HF2	\$ 115.00
30-11HF4	108.00
30-11HF6	121.00
30-11HF9	159.00
30-11HF16	1,085.00
40-11HF9	182.00

30-12HF2	117.00
30-12HF4	108.00
30-12HF6	121.00
30-12HF9	159.00
30-12HF16	1,137.00
40-12HF9	182.00

30-13HF2	148.00
30-13HF4	127.00
30-13HF6	167.00
30-13HF9	223.00
30-13HF16	1,262.00
40-13HF9	256.00

30-14HF2	148.00
30-14HF4	128.00
30-14HF6	168.00
30-14HF9	224.00
30-14HF16	1,262.00
40-14HF9	256.00

30-15HF2	199.00
30-15HF4	176.00

30-15HF6	\$ 278.00
30-15HF9	285.00
30-15HF16	2,226.00
40-15HF9	369.00

30-12HF2-R	178.00
30-12HF4-R	184.00
30-12HF6-R	224.00
30-12HF9-R	273.00
30-12HF16-R	1,395.00
40-12HF9-R	323.00

High Pressure Valves**(Catalog Page 4.5)**

60-11HF2	\$ 130.00
60-11HF4	129.00
60-11HF6	148.00
60-11HF9	179.00

60-12HF2	130.00
60-12HF4	130.00
60-12HF6	149.00
60-12HF9	180.00

60-13HF2	159.00
60-13HF4	152.00
60-13HF6	188.00
60-13HF9	239.00

60-14HF2	162.00
60-14HF4	157.00
60-14HF6	188.00
60-14HF9	242.00

60-15HF2	243.00
60-15HF4	242.00
60-15HF6	285.00
60-15HF9	356.00

60-12HF2-R	198.00
60-12HF4-R	214.00
60-12HF6-R	242.00
60-12HF9-R	314.00

High Pressure Fittings**(Catalog Page 4.6)****Elbows**

60-22HF2	\$ 44.00
60-22HF4	38.00
60-22HF6	52.00
60-22HF9	74.00
40-22HF9	77.00
30-22HF16	223.00

Tees

60-23HF2	57.00
60-23HF4	53.00
60-23HF6	63.00
60-23HF9	97.00
40-23HF9	98.00
30-23HF16	\$269.00

Crosses

60-24HF2	\$ 69.00
60-24HF4	60.00
60-24HF6	78.00
60-24HF9	113.00
40-24HF9	115.00
30-24HF16	383.00



High Pressure Union Couplings (Catalog Page 4.7)

60-21HF2-U	\$ 73.00
60-21HF4-U	60.00
60-21HF6-U	73.00
60-21HF9-U	95.00
40-21HF9-U	98.00
30-21HF16-U	229.00

High Pressure Bulkhead Couplings (Catalog Page 4.7)

60-21HF2-B	\$ 94.00
60-21HF4-B	67.00
60-21HF6-B	83.00
60-21HF9-B	108.00
40-21HF9-B	113.00
30-21HF16-B	402.00

High Pressure Caps (Catalog Page 4.7)

60-21HF2-C	\$ 28.00
60-21HF4-C	30.00
60-21HF6-C	47.00
60-21HF9-C	50.00
40-21HF9-C	53.00
30-21HF16-C	74.00

High Pressure Line Filters (Catalog Page 4.8)

60F-51HF2	\$ 162.00
60F-51HF4	158.00
60F-51HF6	171.00
60F-51HF9	222.00
40-51HF9	227.00

High Pressure Ball Check Valves (Catalog Page 4.8)

60-41HF2	\$ 117.00
60-41HF4	110.00
60-41HF6	139.00
60-41HF9	171.00
40-41HF9	174.00
30-41HF16	715.00

High Pressure Soft Seat Check Valves (Catalog Page 4.8)

30-41HF2-T	\$ 125.00
30-41HF4-T	113.00

High Pressure Tubing (Catalog Page 4.12)

Size	Material	Catalog No.	Price/Foot 0-75 Feet	Price/Foot 76-150 Feet	Price/Foot 151-500 Feet	Price/Foot 501-1000 Feet
1/8" O.D. x .020" I.D.	316 S.S.	60-9H2	\$ 7.85	\$ 7.40	\$ 6.95	\$ 6.40
1/8" O.D. x .040" I.D.	316 S.S.	30-9H2	7.70	7.30	6.65	6.40
1/4" O.D. x .083" I.D.	316 S.S.	60-9H4-316	11.80	10.95	9.95	9.55
1/4" O.D. x .083" I.D.	304 S.S.	60-9H4-304	9.15	8.75	8.40	8.05
1/4" O.D. x .083" I.D.	HC276	60-9H4-HC276	49.00	47.00	44.00	42.00
3/8" O.D. x 1/8" I.D.	316 S.S.	60-9H6-316	17.30	15.75	14.60	14.05
3/8" O.D. x 1/8" I.D.	304 S.S.	60-9H6-304	12.00	10.90	10.75	9.95
9/16" O.D. x 1/4" I.D.	316 S.S.	40-9H9-316	26.00	24.00	21.90	20.00
9/16" O.D. x 1/4" I.D.	304 S.S.	40-9H9-304	22.00	20.00	18.65	19.00
9/16" O.D. x 3/16" I.D.	316 S.S.	60-9H9-316	30.30	27.60	25.00	23.00
9/16" O.D. x 3/16" I.D.	304 S.S.	60-9H9-304	20.15	18.85	17.90	16.95
1" O.D. x .437" I.D.	316 S.S.	30-9H16-316	56.00	53.00	49.00	47.00

30-41HF6-T	\$ 128.00
30-41HF9-T	150.00
60-41HF4-T	133.00
60-41HF6-T	149.00
60-41HF9-T	178.00
40-41HF9-T	184.00
30-41HF16-T	721.00

High Pressure Excess Surge Check Valves (Catalog Page 4.9)

60-41HF9-E	\$ 182.00
Bushing 2-0888	43.00

High Pressure Rupture Discs (Catalog Page 4.9)

1,500 to 5,000 psi	\$ 32.00
5,500 to 65,000 psi	45.00

High Pressure Safety Heads (Catalog Page 4.10)

60-61HM4	\$ 96.00
60-61HM6	96.00
60-61HM9	113.00
40-61HM9	114.00
30-61HM16	264.00
60-63HF2	138.00
60-63HF4	138.00
60-63HF6	139.00
60-63HF9	163.00
40-63HF9	168.00
60-61HF2	117.00
60-61HF4	117.00
60-61HF6	118.00
60-61HF9	144.00
40-61HF9	148.00

High Pressure Anti-Vibration (Catalog Page 4.11) Gland Assembly

60-3HM4	\$ 19.00
60-3HM6	17.00
60-3HM9	26.00

Component Parts Slotted Collet

2-8784	\$ 13.00
2-8786	10.00
2-8788	11.00

Collet Gland

2-8783	\$ 10.00
2-8785	14.00
2-8787	15.00

Collar

60-2H4	\$ 4.00
60-2H6	5.00
60-2H9	7.00

High Pressure Nipples (316 S.S.) (Catalog Page 4.12)

60-HM2-2	\$ 10.00
60-HM2-3	10.00
60-HM2-4	11.00
60-HM2-6	13.00
60-HM2-9	15.00
60-HM2-12	17.00
30-HM2-2	10.00
30-HM2-3	10.00
30-HM2-4	11.00
30-HM2-6	13.00
30-HM2-9	15.00
30-HM2-12	17.00
60-HM4-2.75	11.00
60-HM4-6	15.00
60-HM4-8	17.00
60-HM4-10	21.00
60-HM4-12	24.00
60-HM6-3	15.00
60-HM6-6	21.00
60-HM6-8	24.00
60-HM6-10	26.00
60-HM6-12	29.00
60-HM9-4	24.00
60-HM9-6	30.00
60-HM9-8	32.00
60-HM9-10	39.00
60-HM9-12	45.00
40-HM9-4	25.00
40-HM9-6	30.00
40-HM9-8	37.00
40-HM9-10	42.00
40-HM9-12	47.00
30-HM16-6	59.00
30-HM16-8	67.00
30-HM16-10	75.00
30-HM16-12	88.00

**High Pressure Nipples (304 S.S.)
(Catalog Page 4.12)**

60-HM4-2.75	\$ 11.00
60-HM4-6	14.00
60-HM4-8	17.00
60-HM4-10	19.00
60-HM4-12	21.00
60-HM6-3	14.00
60-HM6-6	20.00
60-HM6-8	22.00
60-HM6-10	24.00
60-HM6-12	24.00
60-HM9-4	20.00
60-HM9-6	23.00
60-HM9-8	25.00
60-HM9-10	28.00
60-HM9-12	31.00

**High Pressure Connection
Components
(Catalog Page 4.A)****Glands**

60-2HM2	\$ 7.00
60-2HM4	7.00
60-2HM6	8.00
60-2HM9	12.00
30-2HM16	25.00

Collars

60-2H2	\$ 4.00
60-2H4	4.00
60-2H6	5.00
60-2H9	7.00
30-2H16	14.00

Plugs

60-7HM2	\$ 7.00
60-7HM4	7.00
60-7HM6	8.00
60-7HM9	11.00
30-7HM16	32.00

**Ultra High Pressure
Valves, Fittings
& Tubing****Ultra High Pressure Valves
(Catalog Pages 5.2-5.3)**

100-11XF4	\$ 446.00
100-12XF4	446.00
100-13XF4	528.00
100-14XF4	528.00
100-15XF4	993.00
100-12XF4-R	657.00
150-11XF6	557.00
150-12XF6	557.00

150-13XF6	\$ 625.00
150-14XF6	630.00
150-15XF6	1,074.00
150-12XF6-R	748.00

**Ultra High Pressure
Check Valves
(Catalog Page 5.4)**

100-41XF4	\$ 278.00
150-41XF6	471.00

**Ultra High Pressure
Safety Heads**

100-61XF4	\$ 471.00
150-61XF6	568.00

**Ultra High Pressure Fittings
(Catalog Page 5.4)****Elbows**

100-22XF4	\$ 103.00
150-22XF6	\$141.00

Tees

100-23XF4	\$ 137.00
150-23XF6	185.00

Crosses

100-24XF4	\$ 158.00
150-24XF6	202.00

Bulkheads

100-21XF4-B	\$ 150.00
150-21XF6-B	202.00

Caps

100-21XF4-C	\$ 29.00
150-21XF6-C	49.00

**Ultra High Pressure
Nipples (316 S.S.)
(Catalog Page 5.5)**

100-XM4-2.75	\$ 14.00
100-XM4-6	19.00
100-XM4-8	22.00
100-XM4-10	23.00
100-XM4-12	24.00

**Ultra High Pressure
Nipples (304 S.S.)
(Catalog Page 5.5)**

100-XM4-2.75	\$ 13.00
100-XM4-6	15.00
100-XM4-8	19.00
100-XM4-10	20.00
100-XM4-12	22.00
150-XM6-4	27.00
150-XM6-6	32.00
150-XM6-8	39.00
150-XM6-10	45.00
150-XM6-12	50.00

**Ultra High Pressure
Connection Components
(Catalog Page 5.A)****Glands**

100-2XM4	\$ 10.00
150-2XM6	13.00

Collars

100-2X4	\$ 6.00
150-2X6	8.00

Plugs

100-7XM4	\$ 11.00
150-7XM6	14.00

Specialty Valves**Two Way Ball Valves
(Catalog Page 6.2)**

15-16AF1	\$ 294.00
15-16AF2	298.00
10-16AF4	307.00
10-16AF6	296.00
20-16LF4	296.00
20-16LF6	298.00
20-16LF9	307.00
20-16HF2	296.00
20-16HF4	296.00
20-16HF6	298.00
20-16HF9	308.00
10-16NFA	262.00
10-16NFB	262.00
10-16NFC	262.00
10-16NFD	262.00

**Trunion Style Two Way Ball Valves
(Catalog Page 6.3)****.187 Orifice**

15-71AF1	\$ 284.00
15-71AF2	284.00
10-71AF4	284.00
10-71AF6	284.00

20-71LF4	284.00
20-71LF6	284.00
20-71LF9	284.00
20-71HF4	284.00
20-71HF6	284.00
20-71HF9	284.00

15-71NFA	284.00
15-71NFB	284.00
15-71NFC	284.00

0.375 Orifice

10-74AF6	\$ 411.00
15-74LF9	411.00
15-74LF12	411.00
15-74LF16	411.00

**Ultra High Pressure Tubing
(Catalog Page 5.5)**

Size	Material	Catalog No.	Price/Foot 0-75 Feet	Price/Foot 76-150 Feet	Price/Foot 151-500 Feet	Price/Foot 501-1000 Feet
1/4" O.D. x 1/16" I.D.	316 S.S.	100-9X4-316	\$ 12.90	\$ 12.00	\$ 11.30	\$ 10.80
1/4" O.D. x 1/16" I.D.	304 S.S.	100-9X4-304	10.85	9.60	9.15	8.90
3/8" O.D. x 1/16" I.D.	304 S.S.	150-9X6	31.00	27.00	25.00	23.00



15-74NFB	\$ 411.00
15-74NFC	411.00
15-74NFD	411.00

.500 Orifice

10-80LF12	\$ 1,071.00
10-80LF16	1,071.00
10-80NFF	1,071.00
10-80NFH	1,071.00

Trunion Style Three Way Ball Valves (Catalog Page 6.4)

.187 Orifice (90°)

15-73AF1	\$ 312.00
15-73AF2	312.00
10-73AF4	312.00
10-73AF6	312.00
20-73LF4	312.00
20-73LF6	312.00
20-73LF9	312.00
20-73HF4	312.00
20-73HF6	312.00
20-73HF9	312.00
15-73NFA	312.00
15-73NFB	312.00
15-73NFC	312.00

.187 Orifice (180°)

15-72AF1	\$ 312.00
15-72AF2	312.00
10-72AF4	312.00
10-72AF6	312.00
20-72LF4	312.00
20-72LF6	312.00
20-72LF9	312.00
20-72HF4	312.00
20-72HF6	312.00
20-72HF9	312.00
20-72NFA	312.00
20-72NFB	312.00
20-72NFC	312.00

.375 Orifice (90°)

10-76AF6	\$ 417.00
15-76LF9	417.00
15-76LF12	417.00
15-76LF16	417.00
15-76NFB	417.00
15-76NFC	417.00
15-76NFD	417.00

.500 Orifice (90°)

10-82LF12	\$ 1,192.00
10-82LF16	1,192.00
10-82NFF	1,192.00
10-82NFH	1,192.00

.375 Orifice (180°)

10-75AF6	\$ 417.00
15-75LF9	417.00
15-75LF12	417.00
15-75LF16	417.00
15-75NFB	417.00
15-75NFC	417.00
15-75NFD	417.00

.500 Orifice (180°)

10-82LF12	\$ 1,192.00
10-82LF16	1,192.00
10-82NFF	1,192.00
10-82NFH	1,192.00

Mini Three Way Ball Valves

10-77LF4	\$ 168.00
10-77LF6	168.00
10-77NFB	168.00
10-77NFC	168.00

High Temperature Valves

(Suffix "HT")

(Catalog Page 6.6)

Add \$ 190.00 to price of valves in the 20,000 and 30,000 psi series. Except HF16, LF12 and LF16 series add \$ 370.00 to price of valves.

Micro Control Metering Valves

(Suffix "V")

(Catalog Page 6.7)

Add \$ 215.00 to price of standard 60,000 psi series.

Metering Tip Valve

(Suffix "MTS")

(Catalog Page 6.7)

Add \$ 65.00 to price of standard 60,000 psi series.

Relief Valves

(Catalog Page 6.8)

4-2633	\$ 604.00
HiP-10RV	264.00
HiP-20RV	503.00

Male Bottom Connection Valves

(Catalog Page 6.9)

2-7928A	\$ 144.00
2-8144A	150.00
2-7602A	144.00
2-7569A	150.00
2-8164A	143.00
2-7742A	144.00
2-7565A	257.00
2-7927A	203.00
2-8039A	208.00
2-7604A	204.00
2-7603A	207.00

Rupture Discs (when required) should be ordered separately.

Pipe Connection Valves

(Catalog Page 6.10)

10-11NFA	\$ 99.00
10-11NFB	99.00
10-11NFC	99.00
10-11NFD	152.00
10-12NFA	99.00
10-12NFB	99.00
10-12NFC	100.00
10-12NFD	153.00

Pipe Connection Valves

(Catalog Page 6.11)

15F-11NFA	\$ 97.00
15F-11NFB	97.00
15F-11NFC	97.00
15F-11NFD	148.00
10F-11NFF	650.00
10F-11NFH	870.00
15F-12NFA	97.00
15F-12NFB	97.00
15F-12NFC	97.00
15F-12NFD	150.00
10F-12NFF	661.00
10F-12NFH	870.00

Air Operated Valves

Hippo Air Actuators

(Catalog Pages 7.1.5 and 7.3.5)

Mini Hippo Normally Open	\$ 296.00
Mini Hippo Normally Closed	320.00
MPO-NO Normally Open	434.00
MPO-NC Normally Closed	429.00
HPO-NO Normally Open	606.00
HPO-NC Normally Closed	611.00
EHPO-NO Normally Open	3,392.00
EHPO-NC Normally Closed	3,392.00

Hipco Air & Ball Valve Operators

(Catalog Page 7.2 and 6.5)

Add the following to price of a standard valve.

Normally Open	Add \$ 329.00
Normally Closed	Add 355.00
TSR4 Ball Valve	Add 400.00
TDR4 Ball Valve	Add 400.00
TSR8 Ball Valve	Add 400.00
TDA8 Ball Valve	Add 400.00
TSR20 Ball Valve	Add 653.00

Remarco Valves

(Catalog Page 7.3)

D-20R-12LF9R	\$ 1,196.00
D-30R-12HF4R	804.00
D-30R-12HF6R	804.00
D-30R-12HF9R	852.00
D-10R-12LF9R	852.00
D-60R-12HF4R	804.00
D-60R-12HF6R	804.00
D-60R-12HF9R	855.00
D-100R-12XF4R	1,048.00
D-100R-12XF6R	1,068.00
SD-20R-12LF9R	1,267.00
SD-30R-12HF4R	933.00
SD-30R-12HF6R	933.00
SD-30R-12HF9R	987.00
SD-10R-12LF9R	987.00
SD-60R-12HF4R	933.00
SD-60R-12HF6R	933.00
SD-60R-12HF9R	987.00
SD-100R-12XF4R	1,177.00
SD-100R-12XF6R	1,196.00

**Remetco Valves
(Catalog Page 7.4)**

10M-12HF9R	\$ 3,717.00
30M-12HF9R	3,717.00
60M-12HF9R	3,717.00
Instrument Panel (RVP)	648.00

Accessories

**Adapters: Female to Male
(Catalog Pages 8.8-8.14)**

15-21AF1AM1	\$ 49.00
15-21AF1AM2	48.00
10-21AF1AM4	48.00
10-21AF1AM6	60.00
15-21AF2AM1	47.00
10-21AF2AM4	53.00
10-21AF2AM6	60.00
10-21AF4AM2	57.00
10-21AF4AM6	57.00
10-21AF6AM2	59.00
10-21AF6AM4	58.00
15-21AF1HM2	51.00
15-21AF1HM4	51.00
15-21AF1HM6	64.00
15-21AF1HM9	83.00
15-21AF2HM2	55.00
15-21AF2HM4	55.00
15-21AF2HM6	58.00
15-21AF2HM9	58.00
10-21AF4HM2	41.00
10-21AF4HM4	38.00
10-21AF4HM6	41.00
10-21AF4HM9	47.00
10-21AF6HM2	48.00
10-21AF6HM4	42.00
10-21AF6HM6	43.00
10-21AF6HM9	51.00
10-21XF6AM4	115.00
15-21AF1NMA	37.00
15-21AF1NMB	37.00
15-21AF1NMC	37.00
15-21AF1NMD	37.00
10-21AF1NMF	56.00
10-21AF1NMH	57.00
15-21AF2NMA	37.00
15-21AF2NMB	37.00
15-21AF2NMC	37.00
15-21AF2NMD	37.00
10-21AF2NMF	57.00
10-21AF2NMH	69.00
10-21AF4NMA	34.00
10-21AF4NMB	34.00
10-21AF4NMC	34.00
10-21AF4NMD	34.00
10-21AF4NMF	57.00
10-21AF4NMH	72.00
10-21AF6NMA	35.00
10-21AF6NMB	35.00
10-21AF6NMC	35.00
10-21AF6NMD	35.00
10-21AF6NMF	57.00
10-21AF6NMH	72.00

20-21LF4LM6	\$ 38.00
20-21LF4LM9	40.00
20-21LF6LM4	41.00
20-21LF6LM9	44.00
20-21LF9LM4	47.00
20-21LF9LM6	47.00
20-21LF12LM4	95.00
20-21LF12LM6	108.00
20-21LF12LM9	112.00
20-21LF12LM16	117.00
20-21LF4LM12	83.00
20-21LF6LM12	80.00
20-21LF9LM12	85.00
20-21LF16LM4	108.00
20-21LF16LM6	115.00
20-21LF16LM9	141.00
20-21LF16LM12	131.00
20-21LF4LM16	87.00
20-21LF6LM16	113.00
20-21LF9LM16	125.00
20-21LF4HM2	37.00
20-21LF4HM4	42.00
20-21LF4HM6	42.00
20-21LF4HM9	43.00
20-21LF4HM16	75.00
20-21LF6HM4	38.00
20-21LF6HM6	47.00
20-21LF6HM9	49.00
20-21LF9HM4	47.00
20-21LF9HM6	48.00
20-21LF9HM9	48.00
20-21LF9XM4	87.00
20-21LF12HM4	95.00
20-21LF12HM6	104.00
20-21LF12HM9	113.00
20-21LF16HM4	141.00
20-21LF16HM6	141.00
20-21LF16HM9	148.00
20-21HF2LM4	39.00
20-21HF4LM4	39.00
20-21HF4LM6	40.00
20-21HF4LM9	41.00
20-21HF6LM4	45.00
20-21HF6LM6	46.00
20-21HF6LM9	48.00
20-21HF9LM4	50.00
20-21HF9LM6	50.00
20-21HF9LM9	53.00
20-21HF4LM12	83.00
20-21HF6LM12	103.00
20-21HF9LM12	117.00
20-21HF4LM16	108.00
20-21HF6LM16	121.00
20-21HF9LM16	123.00
30-21HF4HM16	132.00
30-21HF6HM16	134.00
30-21HF9HM16	138.00
20-21LF4NMA	39.00
20-21LF4NMB	30.00
20-21LF4NMC	32.00
20-21LF4NMD	32.00
10-21LF4NMF	64.00
10-21LF4NMH	69.00
20-21LF6NMA	39.00

20-21LF6NMB	\$ 33.00
20-21LF6NMC	37.00
20-21LF6NMD	38.00
10-21LF6NMF	65.00
10-21LF6NMH	67.00
20-21LF9NMA	50.00
20-21LF9NMB	47.00
20-21LF9NMC	48.00
20-21LF9NMD	49.00
10-21LF9NMF	57.00
10-21LF9NMH	63.00
20-21LF12NMA	106.00
20-21LF12NMB	106.00
20-21LF12NMC	103.00
20-21LF12NMD	92.00
10-21LF12NMF	108.00
10-21LF12NMH	115.00
20-21LF16NMA	162.00
20-21LF16NMB	154.00
20-21LF16NMC	147.00
20-21LF16NMD	137.00
10-21LF16NMF	134.00
10-21LF16NMH	145.00
20-21NFALM4	45.00
20-21NFBLM4	29.00
20-21NFCLM4	38.00
20-21NFDLM4	40.00
10-21NFFLM4	80.00
20-21NFALM6	45.00
20-21NFBLM6	38.00
20-21NFCLM6	39.00
20-21NFDLM6	41.00
10-21NFFLM6	81.00
10-21NFHLM6	94.00
20-21NFALM9	45.00
20-21NFBLM9	38.00
20-21NFCLM9	39.00
20-21NFDLM9	40.00
10-21NFFLM9	80.00
10-21NFHLM9	95.00
20-21NFALM12	102.00
20-21NFBLM12	99.00
20-21NFCLM12	98.00
20-21NFDLM12	84.00
10-21NFFLM12	114.00
10-21NFHLM12	134.00
20-21NFALM16	119.00
20-21NFBLM16	119.00
20-21NFCLM16	110.00
20-21NFDLM16	90.00
10-21NFFLM16	147.00
10-21NFHLM16	149.00
30-21HF2NMA	45.00
30-21HF2NMB	45.00
30-21HF2NMC	45.00
30-21HF2NMD	47.00
10-21HF2NMF	75.00
10-21HF2NMH	88.00
30-21HF4NMA	30.00
30-21HF4NMB	31.00
30-21HF4NMC	31.00
30-21HF4NMD	33.00
10-21HF4NMF	60.00
10-21HF4NMH	86.00



30-21HF6NMA	\$ 39.00
30-21HF6NMB	37.00
30-21HF6NMC	40.00
30-21HF6NMD	40.00
10-21HF6NMF	60.00
10-21HF6NMH	80.00
30-21HF9NMA	60.00
30-21HF9NMB	53.00
30-21HF9NMC	53.00
30-21HF9NMD	53.00
10-21HF9NMF	65.00
10-21HF9NMH	86.00
30-21NFAHM2	37.00
30-21NFBHM2	38.00
30-21NFCBM2	38.00
30-21NFAHM4	26.00
30-21NFBHM4	28.00
30-21NFCBM4	33.00
30-21NFDHM4	35.00
30-21NFAHM6	39.00
30-21NFBHM6	28.00
30-21NFCBM6	34.00
30-21NFDHM6	40.00
10-21NFFHM6	65.00
30-21NFAHM9	40.00
30-21NFBHM9	38.00
30-21NFCBM9	39.00
30-21NFDHM9	39.00
10-21NFFHM9	64.00
10-21NFHHM9	87.00
30-21NFBXM4	53.00
60-21HF2HM4	35.00
60-21HF2HM6	35.00
60-21HF2HM9	47.00
60-21HF4HM2	38.00
60-21HF4HM6	45.00
60-21HF4HM9	45.00
60-21HF6HM2	40.00
60-21HF6HM4	43.00
60-21HF6HM9	48.00
60-21HF9HM2	60.00
60-21HF9HM4	52.00
60-21HF9HM6	52.00
60-21HF9HM9	88.00
60-21HF4XM6	74.00
60-21HF2XM4	67.00
60-21XF6HM4	74.00
100-21XF4XM6	92.00
100-21XF6XM4	75.00
15-21HF4AM2	53.00
15-21LF4AM2	43.00
10-21LF4AM4	45.00
10-21LF4AM6	45.00
15-21LF6AM2	45.00
10-21LF6AM4	46.00
10-21LF6AM6	46.00
15-21LF9AM2	49.00
10-21LF9AM4	51.00
10-21LF9AM6	51.00
15-21AF1LM4	46.00
15-21AF1LM6	50.00
15-21AF1LM9	53.00
15-21AF2LM4	51.00
15-21AF2LM6	52.00

15-21AF2LM9	\$ 60.00
10-21AF4LM4	57.00
10-21AF4LM6	60.00
10-21AF4LM9	67.00
10-21AF6LM4	59.00
10-21AF6LM6	61.00
10-21AF6LM9	68.00
15-21NFAAM2	42.00
15-21NFBAM2	42.00
15-21NFCAM2	42.00
10-21NFAAM4	35.00
10-21NFBAM4	35.00
10-21NFCAM4	39.00
10-21NFDAM4	42.00
10-21NFAAM6	35.00
10-21NFBAM6	35.00
10-21NFCAM6	39.00
10-21NFDAM6	42.00

Adapters: Male to Male (Catalog Pages 8.15-8.18)

20-21LM4LM12	\$ 74.00
20-21LM6LM12	74.00
20-21LM9LM12	117.00
20-21LM12LM12	81.00
20-21LM4LM16	117.00
20-21LM6LM16	117.00
20-21LM9LM16	117.00
20-21LM12LM16	117.00
20-21LM16LM16	126.00
20-21HM4LM12	74.00
20-21HM6LM12	74.00
20-21HM9LM12	74.00
20-21HM4LM16	117.00
20-21HM6LM16	117.00
20-21HM9LM16	117.00
30-21HM4HM16	125.00
30-21HM6HM16	125.00
30-21HM9HM16	125.00
20-21LM12NMA	132.00
20-21LM12NMB	110.00
20-21LM12NMC	110.00
20-21LM12NMD	110.00
10-21LM12NMF	110.00
10-21LM12NMH	117.00
20-21LM16NMA	192.00
20-21LM16NMB	147.00
20-21LM16NMC	138.00
20-21LM16NMD	138.00
10-21LM16NMF	147.00
10-21LM16NMH	162.00
30-21HM2NMA	70.00
30-21HM2NMB	68.00
30-21HM4NMA	41.00
30-21HM4NMB	42.00
30-21HM4NMC	60.00
30-21HM4NMD	60.00
10-21HM4NMF	119.00
30-21HM6NMB	63.00
30-21HM6NMC	63.00
30-21HM6NMD	63.00
30-21HM9NMB	77.00
30-21HM9NMC	77.00
30-21HM9NMD	77.00

10-21HM9NMF	\$ 105.00
10-21HM9NMH	123.00
60-21HM2HM2	70.00
60-21HM2HM4	70.00
60-21HM4HM4	41.00
60-21HM4HM6	61.00
60-21HM4HM9	76.00
60-21HM6HM6	47.00
60-21HM6HM9	76.00
60-21HM9HM9	59.00
100-21XM4XM4	66.00
100-21XM4XM6	66.00
15-21AM1AM1	47.00
15-21AM1NMA	47.00
15-21AM1AM2	52.00
15-21AM1NMB	47.00
15-21AM1HM2	45.00
15-21AM1HM4	45.00
15-21AM2AM2	47.00
15-21AM2NMA	44.00
15-21AM2NMB	45.00
15-21AM2HM2	64.00
15-21AM2HM4	47.00
15-21AM2LM4	43.00
15-21AM2LM6	44.00
15-21AM2LM9	46.00
10-21AM4AM4	60.00
10-21AM4NMB	60.00
10-21AM4NMD	60.00
10-21AM4HM4	60.00
10-21AM4LM4	46.00
10-21AM4LM6	47.00
10-21AM4LM9	49.00
10-21AM6AM6	58.00
10-21AM6LM4	49.00
10-21AM6LM6	52.00
10-21AM6LM9	53.00
10-21AM6XM4	113.00
10-21AM6XM6	113.00
20-21LM4LM4	43.00
20-21LM4LM6	58.00
20-21LM4LM9	63.00
20-21LM4NMB	44.00
20-21LM4NMD	60.00
20-21LM4HM2	61.00
20-21LM4HM4	61.00
20-21LM4HM6	63.00
20-21LM4HM9	58.00
20-21LM6LM6	57.00
20-21LM6LM9	63.00
20-21LM6NMB	60.00
20-21LM6NMC	60.00
20-21LM6NMD	60.00
20-21LM6HM4	58.00
20-21LM6HM6	61.00
20-21LM9LM9	59.00
20-21LM9NMB	64.00
20-21LM9NMC	64.00
20-21LM9NMD	67.00
10-21LM9NMF	88.00
10-21LM9NMH	126.00
20-21LM9HM4	67.00
20-21LM9HM9	67.00

**Couplings: Female to Female
(Catalog Pages 8.19-8.23)**

15-21AF1	\$ 37.00
15-21AF2	38.00
10-21AF4	42.00
10-21AF6	47.00
15-21AF1AF2	43.00
10-21AF1AF4	43.00
10-21AF1AF6	45.00
10-21AF2AF4	45.00
10-21AF2AF6	47.00
10-21AF4AF6	47.00
15-21AF1HF2	44.00
15-21AF1HF4	44.00
15-21AF1HF6	47.00
15-21AF1HF9	49.00
15-21AF2HF2	44.00
15-21AF2HF4	44.00
15-21AF2HF6	49.00
15-21AF2HF9	65.00
10-21AF4HF2	46.00
10-21AF4HF4	46.00
10-21AF4HF6	48.00
10-21AF4HF9	66.00
10-21AF6HF2	47.00
10-21AF6HF4	47.00
10-21AF6HF6	50.00
10-21AF6HF9	67.00
15-21AF1NFA	38.00
15-21AF1NFB	38.00
15-21AF1NFC	40.00
15-21AF1NFD	42.00
15-21AF2NFA	38.00
15-21AF2NFB	38.00
15-21AF2NFC	40.00
15-21AF2NFD	43.00
10-21AF4NFA	34.00
10-21AF4NFB	34.00
10-21AF4NFC	34.00
10-21AF4NFD	40.00
10-21AF4NFF	75.00
10-21AF4NFH	92.00
10-21AF6NFA	34.00
10-21AF6NFB	34.00
10-21AF6NFC	34.00
10-21AF6NFD	44.00
10-21AF6NFF	76.00
10-21AF6NFH	93.00
20-21LF4	29.00
20-21LF6	37.00
20-21LF9	44.00
20-21LF12	117.00
20-21LF16	159.00
30-21HF16	180.00
20-21LF4NFA	34.00
20-21LF4NFB	32.00
20-21LF4NFC	33.00
20-21LF4NFD	35.00
10-21LF4NFF	79.00
10-21LF4NFH	94.00
20-21LF6NFA	42.00
20-21LF6NFB	40.00

20-21LF6NFC	\$ 43.00
20-21LF6NFD	47.00
10-21LF6NFF	82.00
10-21LF6NFH	94.00
20-21LF9NFA	43.00
20-21LF9NFB	44.00
20-21LF9NFC	47.00
20-21LF9NFD	48.00
10-21LF9NFF	83.00
10-21LF9NFH	97.00
20-21LF12NFA	115.00
20-21LF12NFB	113.00
20-21LF12NFC	114.00
20-21LF12NFD	102.00
10-21LF12NFF	133.00
10-21LF12NFH	138.00
20-21LF16NFA	152.00
20-21LF16NFB	130.00
20-21LF16NFC	129.00
20-21LF16NFD	118.00
10-21LF16NFF	133.00
10-21LF16NFH	138.00
20-21LF4LF6	43.00
20-21LF4LF9	47.00
20-21LF6LF9	52.00
20-21LF4LF12	122.00
20-21LF6LF12	139.00
20-21LF9LF12	100.00
20-21LF4LF16	127.00
20-21LF6LF16	144.00
20-21LF9LF16	133.00
20-21LF12LF16	137.00
20-21LF4HF2	53.00
20-21LF4HF4	49.00
20-21LF4HF6	52.00
20-21LF4HF9	58.00
20-21LF6HF4	49.00
20-21LF6HF6	52.00
20-21LF6HF9	64.00
20-21LF9HF2	57.00
20-21LF9HF4	57.00
20-21LF9HF6	59.00
20-21LF9HF9	61.00
20-21LF12HF4	110.00
20-21LF12HF6	109.00
20-21LF12HF9	109.00
20-21LF16HF4	123.00
20-21LF16HF6	127.00
20-21LF16HF9	147.00
60-21HF2	45.00
60-21HF4	37.00
60-21HF6	45.00
60-21HF9	63.00
100-21XF4	65.00
150-21XF6	73.00
60-21HF2HF4	45.00
60-21HF2HF6	48.00
60-21HF2HF9	62.00
60-21HF4HF6	47.00
60-21HF4HF9	60.00
60-21HF6HF9	64.00
60-21HF4XF6	75.00

30-21HF4HF16	\$ 119.00
30-21HF2NFA	38.00
30-21HF2NFB	39.00
30-21HF2NFC	40.00
30-21HF2NFD	44.00
10-21HF2NFF	74.00
10-21HF2NFH	97.00
30-21HF4NFA	29.00
30-21HF4NFB	30.00
30-21HF4NFC	34.00
30-21HF4NFD	35.00
10-21HF4NFF	73.00
10-21HF4NFH	88.00
30-21HF6NFA	53.00
30-21HF6NFB	49.00
30-21HF6NFC	49.00
30-21HF6NFD	51.00
10-21HF6NFF	73.00
10-21HF6NFH	92.00
30-21HF9NFA	55.00
30-21HF9NFB	53.00
30-21HF9NFC	53.00
30-21HF9NFD	57.00
10-21HF9NFF	79.00
10-21HF9NFH	94.00
15-21AF1LF4	48.00
15-21AF1LF6	52.00
15-21AF1LF9	61.00
15-21AF1LF16	146.00
15-21AF2LF4	50.00
15-21AF2LF6	53.00
15-21AF2LF9	61.00
15-21AF2LF16	130.00
10-21AF4LF4	52.00
10-21AF4LF6	55.00
10-21AF4LF9	62.00
10-21AF6LF4	53.00
10-21AF6LF6	55.00
10-21AF6LF9	62.00



NPT Adapters

(Catalog Page 8.18.1-2)

15-21NFA	\$ 48.00
15-21NFB	48.00
15-21NFC	48.00
15-21NFD	60.00
10-21NFF	103.00
10-21NFH	106.00
15-21NFBNFC	52.00
15-21NFBNFD	58.00
15-21NFCNFD	58.00
15-21NMANMA	42.00
15-21NMBNMB	42.00
15-21NMCNMC	42.00
15-21NMDNMD	42.00
10-21NMFNMF	67.00
10-21NMHNMH	106.00
15-21NMBNMC	44.00
15-21NMBNMD	47.00
15-21NMCNMD	47.00
15-21NFANMA	57.00
15-21NFANMB	57.00
15-21NFANMC	57.00
15-21NFANMD	65.00
15-21NFBNMA	52.00
15-21NFBNMB	52.00
15-21NFBNMC	52.00
15-21NFBNMD	57.00
15-21NFCNMB	58.00
15-21NFCNMD	60.00
15-21NFDNMA	57.00
15-21NFDNMB	57.00
15-21NFDNMC	57.00
15-21NFDNMD	67.00
10-21NFFNMD	79.00
10-21NFFNMB	82.00
10-21NFFNMD	114.00
10-21NFFNMF	187.00

Hose Adapters

(Catalog Page 8.18.3-4)

40-21HM4HA9	\$ 42.00
30-21HM4HA12	42.00
26-21HM4HA16	44.00
40-21HM6HA9	44.00
30-21HM6HA12	44.00
26-21HM6HA16	47.00
40-21HM9HA9	47.00
30-21HM9HA12	47.00
26-21HM9HA16	47.00
20-21LM4HA9	42.00
20-21LM4HA12	42.00
20-21LM4HA16	44.00
20-21LM6HA9	42.00
20-21LM6HA12	42.00
20-21LM6HA16	44.00
20-21LM9HA9	42.00
20-21LM9HA12	42.00
20-21LM9HA16	44.00

20-21LM12HA9	\$ 55.00
20-21LM12HA12	58.00
20-21LM12HA16	65.00
20-21LM12HA21	102.00
20-21LM16HA9	55.00
20-21LM16HA12	65.00
20-21LM16HA16	72.00
20-21LM16HA21	77.00
15-21NMBHA9	39.00
15-21NMBHA12	42.00
15-21NMBHA16	44.00
15-21NMCHA9	39.00
15-21NMCHA12	42.00
15-21NMCHA16	44.00
15-21NMDHA9	39.00
15-21NMDHA12	44.00
15-21NMDHA16	47.00
10-21NMFHA12	93.00
10-21NMFHA16	93.00
10-21NMHHA16	100.00
26-21HA9HA9	42.00
26-21HA9HA12	44.00
26-21HA9HA16	47.00
26-21HA12HA12	47.00
26-21HA12HA16	47.00
26-21HA16HA16	47.00

Thermocouple Adapters

(Catalog Page 8.24)

15-21AF1AM2-T	\$ 57.00
10-21AF1AM4-T	57.00
10-21AF1AM6-T	73.00
15-21AF1NMA-T	40.00
15-21AF1NMB-T	40.00
15-21AF1NMC-T	40.00
15-21AF1NMD-T	40.00
10-21AF1NMF-T	59.00
10-21AF1NMH-T	77.00
15-21AF1LM4-T	50.00
15-21AF1LM6-T	55.00
15-21AF1LM9-T	59.00
15-21AF1HM2-T	58.00
15-21AF1HM4-T	58.00
15-21AF1HM6-T	73.00
15-21AF1HM9-T	83.00
15-21AF2LM4-T	53.00
15-21AF2LM6-T	55.00
15-21AF2LM9-T	59.00
10-21AF2AM4-T	60.00
10-21AF2AM6-T	69.00
15-21AF2HM4-T	62.00
15-21AF2HM6-T	65.00
15-21AF2HM9-T	65.00
15-21AF2NMA-T	42.00
15-21AF2NMB-T	42.00
15-21AF2NMC-T	42.00
15-21AF2NMD-T	42.00
10-21AF2NMF-T	60.00
10-21AF2NMH-T	77.00
10-21AF4HM9-T	68.00
10-21AF4LM9-T	66.00

Pressure Gauges

(Catalog Page 8.25)

4PG5	\$ 285.00
4PG10	285.00
6PG20	486.00
6PG30	608.00
6PG50	999.00
6PG75	1,121.00
6PG100	1,296.00
6PG150	2,093.00

Tooling

Reseating Tools

(Catalog Page 9.2)

RTLF4	\$ 56.00
RTLF6	65.00
RTLF9	82.00
RTHF2	56.00
RTHF4	56.00
RTHF6	65.00
RTHF9	82.00
RTXF4	56.00
RTXF6	65.00

Coning Tools

(Catalog Page 9.3)

Complete Tool

2-LF4	\$ 253.00
2-LF6	253.00
2-LF9	316.00
2-HF2	278.00
2-HF4	253.00
2-HF6	253.00
2-HF9	316.00
2-HF9-40	321.00
2-XF4	259.00
2-XF6	265.00

Cutter (Spare)

2-LF4L*	\$ 76.00
2-LF6L*	76.00
2-LF9L	76.00
2-HF2L*	90.00
2-HF4L*	76.00
2-HF6L*	76.00
2-HF9L	76.00
2-HF9L-40	76.00
2-XF6L*	91.00

Collet (Spare)

2-LF4P	\$ 56.00
2-LF6P	56.00
2-LF9P	56.00
2-HF2P*	56.00
2-HF4P*	56.00
2-HF6P*	56.00
2-HF9P	56.00
2-XF6P*	56.00

* Interchangeable in any of the assemblies except 2-HF9 and 2-LF9.

Threading Tools (Catalog Page 9.3)

Complete Tool

2-MLF4	\$ 162.00
2-MLF6	162.00
2-MLF9	162.00
2-MHF2	131.00
2-MHF4	162.00
2-MHF6	162.00
2-MHF9	162.00
2-MXF6	162.00

Threading Die (Spare)

1/8" - 40LH	\$ 49.00
1/4" - 28LH*	60.00
3/8" - 24LH*	60.00
9/16" - 18LH*	60.00

Guide Bushing (Spare)

2-MLF4P*	\$ 27.00
2-MLF6P*	27.00
2-MLF9P*	27.00
2-MHF4P*	27.00
2-MHF6P*	27.00
2-MHF9P*	27.00
2-MXF6P*	27.00

* Interchangeable in any of the
assemblies except 2-MHF2.

Rapid Tap 4 ounces \$ 17.00

Pumping Systems, Intensifiers, Gas Boosters and High Pressure Generators

High Pressure Generators (Catalog Page 11.9)

87-6-5	\$ 1,209.00
62-6-10	1,209.00
50-6-15	1,209.00
37-6-30	1,209.00

Vernier Indicator 401491

(Option for above models)
Add \$ 140.00

Extra Capacity Models

112-5.75-5	\$ 2,725.00
81-5.75-10	2,725.00
68-5.75-15	2,725.00
50-5.75-30	2,725.00
37-5.75-60	2,725.00
31-5.75-75	3,044.00
25-5.75-100	3,459.00

Oil & Gas Products

Nipples, Fittings, Couplings, Check Valves, Filters (Catalog Page 13.4-13.6)

60-HM4-2.75-SGS	\$ 15.00
60-HM4-6-SGS	25.00
60-HM4-8-SGS	32.00
60-HM4-10-SGS	38.00
60-HM4-12-SGS	40.00
60-HM6-3-SGS	24.00
60-HM6-6-SGS	29.00
60-HM6-8-SGS	37.00
60-HM6-10-SGS	39.00
60-HM6-12-SGS	42.00
60-HM9-4-SGS	33.00
60-HM9-6-SGS	39.00
60-HM9-8-SGS	45.00
60-HM9-10-SGS	52.00
60-HM9-12-SGS	59.00
60-2HM4-SGS	9.00
60-2HM6-SGS	10.00
60-2HM9-SGS	17.00
60-2H4-SGS	7.00
60-2H6-SGS	7.00
60-2H9-SGS	9.00
60-7HM4-SGS	8.00
60-7HM6-SGS	10.00
60-7HM9-SGS	14.00
60-22HF4-SGS	57.00
60-22HF6-SGS	77.00
60-22HF9-SGS	86.00
60-23HF4-SGS	73.00
60-23HF6-SGS	84.00
60-23HF9-SGS	110.00
60-24HF4-SGS	92.00
60-24HF6-SGS	103.00
60-24HF9-SGS	118.00
60-21HF4-U-SGS	74.00
60-21HF6-U-SGS	83.00
60-21HF9-U-SGS	118.00
60-21HF4-B-SGS	86.00
60-21HF6-B-SGS	119.00
60-21HF9-B-SGS	132.00
60-21HF4-C-SGS	45.00
60-21HF6-C-SGS	57.00
60-21HF9-C-SGS	79.00
60F-51HF4-SGS	402.00
60F-51HF6-SGS	458.00
60F-51HF9-SGS	525.00
60-41HF4-SGS	227.00
60-41HF6-SGS	287.00
60-41HF9-SGS	362.00
30-41HF4-T-SGS	254.00
30-41HF6-T-SGS	267.00
30-41HF9-T-SGS	329.00
60-41HF4-T-SGS	267.00
60-41HF6-T-SGS	324.00
60-41HF9-T-SGS	366.00

Valves

(Catalog Page 13.3)

30-11HF4-SGS	\$ 179.00
30-11HF6-SGS	204.00
30-11HF9-SGS	217.00
60-11HF4-SGS	207.00
60-11HF6-SGS	212.00
60-11HF9-SGS	217.00
30-12HF4-SGS	179.00
30-12HF6-SGS	204.00
30-12HF9-SGS	217.00
60-12HF4-SGS	207.00
60-12HF6-SGS	212.00
60-12HF9-SGS	217.00
30-13HF4-SGS	194.00
30-13HF6-SGS	223.00
30-13HF9-SGS	316.00
60-13HF4-SGS	218.00
60-13HF6-SGS	229.00
60-13HF9-SGS	270.00
30-14HF4-SGS	194.00
30-14HF6-SGS	223.00
30-14HF9-SGS	316.00
60-14HF4-SGS	218.00
60-14HF6-SGS	229.00
60-14HF9-SGS	270.00
30-15HF4-SGS	257.00
30-15HF6-SGS	322.00
30-15HF9-SGS	387.00
60-15HF4-SGS	287.00
60-15HF6-SGS	322.00
60-15HF9-SGS	473.00
30-12HF4-R-SGS	243.00
30-12HF6-R-SGS	333.00
30-12HF9-R-SGS	356.00
60-12HF4-R-SGS	257.00
60-12HF6-R-SGS	366.00
60-12HF9-R-SGS	378.00

Well Head Gauge and Bleed Valves (Catalog Page 13.7)

30-GVHF9	\$ 257.00
30-GVHF9-SGS	351.00
30-BVHM9	95.00
30-BVHM9-SGS	115.00



Spare Parts

Taper Seal

15,000 psi

AF1 Series Valves

Handle 2-263	\$ 10.00
Stem Nut 2-566	21.00
Lock Nut 2-1030	6.00
Stem 2-2645	50.00
Top Washer 2-267	9.00
Buna O-ring B-101	5.00
Viton O-ring B-614	6.00
Silicone O-ring B-149	6.00
Teflon Packing B-195*	6.00
Grafoil Packing B-1379	8.00
Bottom Washer 2-266	8.00
Regulating Stem Assembly 2-9350	50.00

15,000 psi

AF2 Series Valves

Handle 2-263	\$ 10.00
Stem Nut 2-265	21.00
Lock Nut 2-268	6.00
Stem 2-2645	50.00
Top Washer 2-267	9.00
Buna O-ring B-101	5.00
Viton O-ring B-614	6.00
Silicone O-ring B-149	6.00
Teflon Packing B-195*	6.00
Grafoil Packing B-1379	8.00
Bottom Washer 2-266	8.00
Regulating Stem Assembly 2-9350	50.00

10,000 psi

AF4 and AF6 Series Valves

Handle 2-151	\$ 11.00
Locking Device 2-657	11.00
Stem Assembly 2-7461	68.00
Lower Stem Only 2-7428	32.00
Upper Stem Assembly 2-7981	37.00
Top Washer 2-154	9.00
Buna O-ring B-102	5.00
Viton O-ring B-849	6.00
Silicone O-ring B-147	6.00
Teflon Packing B-181*	6.00
Grafoil Packing B-1417 (1 ea)	9.00
-w Grafoil Packing B-1357 (1 ea)	7.00
Bottom Washer 2-156	8.00
Lower Stem Regulating 2-9347	34.00

Ball Check Valves

Taper Seal (AF1, AF2, AF4, AF6)

Ball B-521 (316 SS)	\$ 5.00
Ball Support 2-7900	20.00
Spring B-551	8.00
Gasket B-552	7.00

Line Filter Discs

AF4, AF6, NFB, NFC, NFD: (4 per set)

0.5 Micron B-1442Set	\$ 32.00
2 Micron B-1443Set	32.00
5 Micron B-1444Set	32.00

10 Micron B-923Set	\$ 32.00
20 Micron B-1445Set	32.00
40 Micron B-610Set	32.00
100 Micron B-607Set	32.00

AF1, AF2: (3 per set) HF2 old style

0.5 Micron B-1450Set	\$ 32.00
2 Micron B-1451Set	32.00
5 Micron B-1452Set	32.00
10 Micron B-475Set	32.00
20 Micron B-1453Set	32.00
40 Micron B-616Set	32.00
100 Micron B-474Set	32.00

Soft Seat Check Valves

Poppet 2-2272	\$ 32.00
O-ring B-159 Buna	5.00
O-ring B-152 Teflon	5.00
O-ring B-870 Viton	5.00
Spring B-551	8.00
Gasket B-552	7.00

Safety Heads (Rupture Assemblies)

Hold Down Nut 2-204	\$ 35.00
Hold Down Ring 2-130	31.00

Medium Pressure

20,000 psi

LF4 and LF6 Series Valves

Handle 2-151	\$ 11.00
Stem Nut 2-7730	23.00
Locking Device 2-7733	11.00
Stem Assembly 2-7729	49.00
Top Washer 2-7731	11.00
Polypak Seal B-1388	13.00
Grafoil Packing B-1391Set (2)	11.00
Teflon Packing B-1392Set (2)	12.00
Bottom Washer 2-7732	11.00
LF4 Removable Seat Gland 2-8512	.86.00
LF6 Removable Seat Gland 2-8431	.86.00
Lower Regulating Stem Assembly 2-9355 (& MTS)	61.00
Lens Ring 2-8432	39.00

20,000 psi

LF9 Series Valves

Handle 2-754	\$ 15.00
Stem Nut 2-7737	31.00
Locking Device 2-7734	11.00
Stem Assembly 2-8278	70.00
Top Washer 2-7738	13.00
Polypak Seal B-1387	13.00
Grafoil Packing B-1386Set (2)	11.00
Teflon Packing 2-7341Set (2)	12.00
Bottom Washer 2-7342	12.00
Std. Lower Stem 2-7467	41.00
Lower Regulating Stem 2-8108	59.00
High Temp. Stem Assembly 2-8387	139.00
Removable Seat Gland 2-8592	.86.00
Lens Ring 2-897	39.00

20,000 psi

LF12 Series Valves

Handle 2-8673	\$ 15.00
Handle Collar 2-8674	85.00
Packing Gland 2-8675	103.00
Locking Device 2-8669	14.00
Bearing Washer 2-8676	22.00
Stem Sleeve 2-8677	61.00
Upper Stem 2-8678	55.00
Lower Stem 2-8679	57.00
Top Washer 2-8754	28.00
Teflon Packing 2-8740Set (2)	12.00
Grafoil Packing B01455Set(3)	28.00
Polypak B-1431 (1 ea)	13.00
Bottom Washer 2-8755	28.00
Removable Seat Gland 2-9280	118.00
Lens Ring 2-9279	53.00

20,000 psi

LF16 Series Valves

Handle 2-8673	\$ 15.00
Handle Collar 2-8680	88.00
Packing Gland 2-8681	106.00
Locking Device 2-8670	14.00
Bearing Washer 2-8682	24.00
Stem Sleeve 2-8683	106.00
Upper Stem 2-8684	90.00
Lower Stem 2-8685	76.00
Bearing Washer 2-8686	27.00
Top Washer 2-8756	35.00
Teflon Packing 2-8741Set (2)	13.00
Bottom Washer 2-8757	35.00
Removable Seat Gland 2-9282	149.00
Lens Ring 2-9281 10K	70.00
Lens Ring 2-9972 20K	65.00

Ball Check Valves

Medium Pressure (LF4 and LF6)

Ball B-521 (316ss)	\$ 5.00
Ball Support 2-7900	20.00
Spring B-551	8.00
Gasket B-552	7.00

Medium Pressure (LF9)

Ball B-522 (316ss)	\$ 6.00
Ball Support 2-7901	22.00
Spring B-958	10.00
Gasket B-959	8.00

Line Filter Discs

LF4, LF6 and LF9 Series (4 per set)

0.5 Micron B-1442Set	\$ 32.00
2 Micron B-1443Set	32.00
5 Micron B-1444Set	32.00
10 Micron B-923Set	32.00
20 Micron B-1445Set	32.00
40 Micron B-610Set	32.00
100 Micron B-607Set	32.00
Spacer 2-1104	11.00

Soft Seat Check Valves

LF4 and LF6 Series

Poppet 2-2272	\$ 32.00
O-ring B-159 Buna	5.00
O-ring B-152 Teflon	5.00

O-ring B-870 Viton	\$ 8.00
Spring B-551	7.00
Gasket B-552	6.00

LF9 Series

Poppet 2-4740	\$ 37.00
O-ring B-104 Buna	7.00
O-ring B-161 Teflon	7.00
Spring B-958	10.00
Gasket B-959	8.00

Safety Heads (Rupture Assemblies)

Hold Down Nut 2-204	\$ 35.00
Hold Down Ring 2-130	31.00

High Pressure

30,000 psi

HF2 Series Valves

Handle 2-263	\$ 10.00
Stem Nut 2-265	21.00
Lock Nut 2-268	6.00
Stem 2-2645	50.00
Top Washer 2-267	9.00
Buna O-ring B-101	5.00
Viton O-ring B-614	6.00
Silicone O-ring B-149	6.00
Grafoil Packing B-1379	8.00
Teflon Packing B-195*	6.00
Bottom Washer 2-266	8.00
Regulating Stem 2-9350	50.00

30,000 psi

HF4, HF6, and HF9 Series Valves

Handle 2-151	\$ 11.00
Locking Device 2-657	11.00
Stem Assembly 2-7462	67.00
Upper Stem Assembly 2-7981	37.00
Lower Stem Only 2-7426	32.00
Top Washer 2-154	9.00
Buna O-ring B-102	5.00
Viton O-ring B-849	6.00
Silicone O-ring B-147	6.00
Grafoil Packing B-1417	9.00
Teflon Packing B-181*	6.00
Bottom Washer 2-156	8.00
Bottom Spacer 2-155	7.00
HF4 Removable Seat Gland	
2-750	92.00
HF6 Removable Seat Gland	
2-751	92.00
HF9 Removable Seat Gland	
2-752	92.00
Lower Regulating Stem 2-9348	32.00
Lens Ring 2-753	39.00

30,000 psi

HF16 Series Valves

Use LF16, 20,000 psi parts, except:

Lower Stem 2-8753	\$ 75.00
Top Washer 2-8752	42.00
Teflon Packing 2-8740Set (2)	12.00

Bottom Washer 2-8755	\$ 28.00
Removable Seat Gland 2-9284	149.00
Lens Ring 210914	39.00

60,000 psi

HF2, HF4, HF6 and HF9

Series Valves

Handle 2-151	\$ 11.00
Locking Device 2-657	11.00
Stem Assembly 2-7463	67.00
Upper Stem Assembly 2-7981	37.00
Lower Stem Only 2-7427	32.00
Top Washer 2-717 (416)	9.00
Buna O-ring B-101	5.00
Viton O-ring B-614	6.00
Silicone O-ring B-149	6.00
Packing Set Teflon/Nylon*	
2-9689	28.00
Teflon Packing B-195 (old style)	6.00
Grafoil Packing B-1379	8.00
Bottom Washer 2-716	8.00
Bottom Spacer 2-718 (old style)	7.00
HF4 Removable Seat Gland	
2-750	92.00
HF6 Removable Seat Gland	
2-751	92.00
HF9 Removable Seat Gland	
2-752	92.00
Lower Regulating Stem 2-9349	32.00
Lens Ring 2-1238	39.00

Ball Check Valves

High Pressure (HF2, HF4, HF6, HF9)

Ball B-516 (440 SS)	\$ 5.00
Ball Support 2-7900	20.00
Spring B-551	8.00
(No Gasket Required)	

** Standard unless otherwise specified*

Line Filter Discs

HF2, HF4, HF6, HF9: (3 per set)

0.5 Micron B-1446Set	\$ 32.00
2 Micron B-1447Set	32.00
5 Micron B-1448Set	32.00
10 Micron B-1407Set	32.00
20 Micron B-1449Set	32.00
40 Micron B-1408Set	32.00
100 Micron B-1409Set	32.00

Soft Seat Check Valves

HF2, HF4, HF6, HF9

Poppet 2-2272	\$ 32.00
O-ring B-159 Buna	5.00
O-ring B-152 Teflon	5.00
O-ring B-870 Viton	5.00
Spring B-551	8.00
Gasket B-310 (60,000 psi only)	8.00
Gasket B-552	7.00

Safety Heads (Rupture Assemblies)

Hold Down Nut 2-204	\$ 35.00
Hold Down Ring 2-130	31.00

Ultra High Pressure

100,000 and 150,000 psi

XF4 and XF6 Series Valves

Handle 2-754	\$ 15.00
Locking Device 2-3144	19.00
Stem Assembly 210127	108.00
Top Washer 4-2485C (17-4 Ph)	22.00
Nylon/Teflon Packing 2-8691	24.00
Bottom Washer 2-716 (17-4 Ph)	26.00
Packing Gland 4-2485D	40.00
XF4 Removable Seat Gland	
2-8519	92.00
XF6 Removable Seat Gland	
2-6785	92.00

Specialty Valves

Micro Control Valves

Lower Section Stem 2-7228	\$ 102.00
Handle 2-754	15.00
Top Washer 2-717	9.00
Bottom Washer 2-716	8.00
Bottom Spacer 2-718	7.00
Buna O-ring B-101	5.00
Viton O-ring B-614	6.00
Silicone O-ring B-149	6.00
Grafoil Packing B-1379	8.00
Teflon/Nylon PackingSet 2-9689	28.00

3/4" and 1" NPT Valves

Handle 2-8673	\$ 15.00
Handle Collar 2-8680	88.00
Packing Gland 2-8681	106.00
Locking Device 2-8670	14.00
Bearing Washer 2-8682	24.00
Stem Sleeve 2-8683	106.00
Upper Stem 2-8684	90.00
Lower Stem 2-8685	76.00
Bearing Washer 2-8686	27.00
Top Washer 2-8756	35.00
Teflon Packing 2-8741Set (2)	13.00
Bottom Washer 2-8757	35.00

Ball Valves

Handle 2-8642	\$ 16.00
Roll Pin B-1509	5.00
Handle Stop Collar 2-8643	23.00
Stop Collar (3-way) 2-8730	23.00
Stop Collar (Diverter) 2-8643	23.00
Stem 2-8644	41.00
Packing Gland 2-8645	24.00
Locking Device 2-7733	11.00
Top Packing Washer 2-7731	11.00
Teflon Packing B-1392Set (2)	12.00
Bottom Packing Washer 2-7732	11.00
Bearing Washer 2-8646	19.00
Body (2-way) 2-8641	127.00
Body (3-way, Diverter) 2-8729	148.00
0.485 Ball (2-way) 2-8647	17.00
0.485 Ball (3-way) 2-8721	23.00



0.485 Ball (Diverter) 2-8834	\$ 26.00
Ball Seat 2-8648	15.00
O-ring B-821	6.00
Seat Gland	49.00

Trunion Style Ball Valves (Catalog Page) .187 Orifice

Handle 210285	\$ 16.00
Set Screw 210242	9.00
Stop Collar 210616	23.00
Stop Collar 210217	23.00
Stem 210229	24.00
Panel Nut 209219-8	22.00
Bearing Washer 210230	12.00
O-Ring B01117	5.00
Back Up Washer B01578	5.00
Ball Seat Assembly 210233	29.00
Ball Seat 210231	14.00
Ball Seat Holder 210232	17.00
Belleville Washer B01604	4.00
Packing Washer 210234	8.00
Back Up Washer 210286	6.00
Body Bushing 210219	8.00
Trunion 2-Way 210598	45.00
Trunion 180° 210235	45.00
Trunion Diverter 210360	45.00
Bottom Bushing 210218	8.00
Body 601934	157.00
O-Ring B00823	6.00
O-Ring B01032	6.00
Seat Gland	77.00
Bottom Gland	69.00
Square Adapter 210672	56.00

Trunion Style Ball Valves (Catalog Page) .375 Orifice

Handle 210285	\$ 16.00
Set Screw 210242	9.00
Stop Collar 210616	23.00
Stop Collar 210217	23.00
Stem 210229	24.00
Panel Nut 209219-8	22.00
Bearing Washer 210230	12.00
O-Ring B01117	5.00
Back Up Ring B01578	5.00
Ball Seat Assembly 210220	29.00
Ball Seat 210221	14.00
Ball Seat Holder 210222	17.00
Belleville Washer B01605	4.00
Packing Washer 210223	8.00
Back Up Washer 210288	6.00
Body Bushing 210219	8.00
Trunion 2-Way 210599	45.00
Trunion 180° 210224	45.00
Trunion Diverter 210359	45.00
Bottom Bushing 210218	8.00
Body 601935	157.00
O-Ring B01584	6.00
O-Ring B01583	6.00
Seat Gland	77.00
Bottom Gland	69.00
Square Adapter 210672	56.00

Air Operated Valves

Hipco Air Operated Valves

Normally Closed - air to open

Spring B-1397 60,000 psi, 30,000 psi and Taper Seal	\$ 46.00
Spring B-1428 20,000 psi series	46.00
O-ring B-1350Set (2)	16.00
O-ring B-105	6.00

Normally Open - air to close

Spring B-395	\$ 22.00
O-ring B-105	6.00

10,000 psi Series (AF4 and AF6)

Stem 2-7624	\$ 80.00
Packing Gland 2-7525	56.00
Locknut B-1225	7.00

30,000 psi Series

Stem 2-7622	\$ 80.00
Packing Gland 2-7525	56.00
Locknut B-1225	7.00

60,000 psi Series

Stem 2-9426	\$ 80.00
Packing Gland 2-7525	56.00
Locknut B-1225	7.00

LF4 and LF6 Series

Stem 2-8215	\$ 82.00
Packing Gland 2-8217	55.00
Locknut 2-2480	12.00

LF9 Series (rated 10,000 psi)

Upper Stem 2-8799	\$ 48.00
Lower Stem 2-7467	41.00
Packing Gland 2-8822	56.00
Locknut 2-8390	12.00
Diaphragm B-1356	21.00
Snap Ring B-1351Set (2)	9.00
Support Washer 2-7526	14.00
Hex Nut (Nylok) B-1354	6.00

Remarco Air Operated Valves

Normally Closed - air to open "SD" Series

Spring B-780	\$ 62.00
Diaphragm B-828	32.00
Gasket B-451	10.00

Normally Open - air to close "D" Series

Spring B-395	\$ 22.00
Diaphragm B-828	32.00
Gasket B-451	10.00

10,000 psi Series

Stem 2-4324	\$ 80.00
Top Packing Washer 2-1764	16.00
Teflon Packing B-185Set (2)	15.00
Polypak B-1406	13.00
Bottom Packing Washer 2-1764	16.00
Lens Ring 2-4325	39.00
Removable Seat Gland 2-898	92.00

20,000 psi Series

Spring (Normally Closed) B-1068	\$ 146.00
Spring (Normally Open) B-395	22.00
Diaphragm B-828	32.00
Gasket B-451	10.00
Stem 2-4324	80.00
Top Packing Washer 2-1764	16.00
Teflon Packing B-185Set (2)	15.00
Bottom Packing Washer 2-1764	16.00
Lens Ring 2-4325	39.00
Removable Seat Gland 2-8208	92.00

30,000 psi Series

Stem 2-2890	\$ 80.00
Top Packing Washer 2-154	9.00
Teflon Packing B-181	6.00
Bottom Packing Washer 2-156	8.00
Spacer 2-155	7.00
Packing Set Teflon/Nylon 210291	27.00
Lens Ring 2-753	39.00
HF4 Removable Seat Gland 2-750	92.00
HF6 Removable Seat Gland 2-751	92.00
HF9 Removable Seat Gland 2-752	92.00

60,000 psi Series

Stem 2-2886	\$ 80.00
Top Packing Washer 2-717	9.00
Teflon Packing B-195	6.00
Bottom Packing Washer 2-716	8.00
Spacer 2-718	7.00
Packing Set Teflon/Nylon 2-9689	28.00
Lens Ring 2-1238	39.00
HF4 Removable Seat Gland 2-750	92.00
HF6 Removable Seat Gland 2-751	92.00
HF9 Removable Seat Gland 2-752	92.00
Grafoil Packing B-1379	8.00

100,000 psi Series

Stem 2-5432 A	\$80.00
Packing Set Teflon/Nylon 2-9689	28.00
Top Packing Washer 2-717	9.00
Teflon Packing B-195	6.00
Bottom Packing Washer 2-716	8.00
Spacer 2-718	7.00
Lens Ring 2-5434	40.00
XF4 Removable Seat Gland 2-8519	92.00
XF6 Removable Seat Gland 2-6785	92.00

Complete Lower Section Valve Assemblies, Including Body, Stem, Packing Components, etc. for assembly to existing Air Operator.

30R-12HF4R Lower Unit	\$ 488.00
30R-12HF6R Lower Unit	488.00
30R-12HF9R Lower Unit	562.00

10R-12LF9R Lower Unit . . .	\$ 562.00
20R-12LF9R Lower Unit	607.00
60R-12HF4R Lower Unit	488.00
60R-12HF6R Lower Unit	488.00
60R-12HF9R Lower Unit	562.00
100R-12XF6R Lower Unit	838.00
10R-12HF9R	487.00

Relief Valves Assembly 4-2633

Stem 2-8545	\$ 61.00
Viton O-ring B-821	6.00
Removable Seat Gland 2-3502 . . .	92.00
2-8554 Stem Seat	34.00

Seal Ring Seat

2-8547 - 3,000 to 10,999 psi . .	\$ 70.00
2-8537 - 11,000 to 20,999 psi . .	70.00
2-8548 - 21,000 to 30,000 psi . .	70.00
210857 - 30,001 to 45,000 psi . .	70.00
210858 - 45,001 to 60,000 psi . .	70.00

High Temperature Valves 30,000 psi Series

Handle 2-151	\$ 11.00
Stem Assembly 210154	113.00
Packing Gland 2-152	23.00
Locking Device Collar 2-7450 . . .	22.00
High Temperature Housing 2-6880	82.00
Top Packing Washer 2-188	15.00
Bottom Packing Washer 2-187 . . .	12.00
Grafoil Packing B-1357Set (3) . .	11.00
Gasket B-310	8.00

20,000 psi Series (LF4 and LF6)

Handle 2-151	\$ 11.00
Stem Assembly 2-8262	113.00
Packing Gland 2-7730	23.00
Locking Device 2-7733	11.00
High Temperature Housing 2-8264	82.00
Top Packing Washer 2-7731	11.00
Bottom Packing Washer 2-7732 . .	11.00
Grafoil Packing B-1391Set (2)	11.00
Seal Ring 2-8265	34.00

20,000 psi Series (LF9)

Handle 2-754	\$ 15.00
Stem Assembly 2-8387	139.00
Packing Gland 2-7737	31.00
Locking Device 2-7734	11.00
High Temperature Housing 2-8389	82.00
Top Packing Washer 2-7738	13.00
Bottom Packing Washer 2-7342	12.00
Grafoil Packing B-1386Set (2) . .	11.00
Seal Ring 2-8391	39.00

Pressure Generators

Model 87-6-5

Shaft 2-450 (7/8)	\$ 398.00
Nut 2-1482	414.00
Top Packing Washer 2-7357	40.00
Teflon Packing B-208*	32.00
Bottom Washer 2-7358	35.00
Polypak Seal B-1369Set (2)* . . .	32.00

Model 62-6-10

Shaft 2-450 (5/8)	\$ 398.00
Nut 2-1482	414.00
Top Packing Washer 2-6203	40.00
Teflon Packing B-201*	32.00
Bottom Washer 2-1773	35.00
Polypak Seal B-1370Set (2)* . . .	32.00

Model 50-6-15

Shaft 2-450 (1/2)	\$ 398.00
Nut 2-1482	414.00
Top Packing Washer 2-5408	40.00
Teflon Packing B-1066*	32.00
Bottom Washer 2-5410	35.00
Polypak Seal B-1371Set (2)* . . .	32.00

Model 37-6-30

Shaft 2-450 (3/8)	\$ 398.00
Nut 2-1482	414.00
Top Packing Washer 2-6234	40.00
Teflon Packing B-1142	32.00
Bottom Washer 2-6235	35.00
Polypak Seal B-1372Set (2)* . . .	32.00

Model 112-5.75-5

Shaft 2-8127	\$ 209.00
Top Packing Washer 2-8136	59.00
Polypak Seal B-1396Set (2)* . . .	32.00
Teflon Packing B-1398*	32.00
Bottom Washer 2-8220	48.00

Model 81-5.75-10

Shaft 2-8128	\$ 209.00
Top Packing Washer 2-8137	59.00
Polypak Seal B-1401Set (2)* . . .	32.00
Teflon Packing B-1399	32.00
Bottom Washer 2-8221	48.00

Model 68-5.75-15

Shaft 2-8129	\$ 209.00
Top Packing Washer 2-8138	59.00
Polypak Seal B-1402Set (2)* . . .	32.00
Teflon Packing B-1400	32.00
Bottom Washer 2-8222	48.00

Model 50-5.75-30

Shaft 2-8130	\$ 209.00
Top Packing Washer 2-8139	59.00
Polypak Seal B-1371Set (2)* . . .	32.00
Teflon Packing B-1066	32.00
Bottom Washer 2-5410	35.00

Model 37-5.75-60

Shaft 2-4861	\$ 209.00
Top Packing Washer 2-5853	59.00
Polypak Seal B-1373Set (2)* . . .	32.00
Teflon Packing B-777Set (6)	32.00
Bottom Washer 2-4117	16.00

Model 31-5.75-75

Shaft 2-8749	\$ 209.00
Top Packing Washer 2-8750	59.00
Polypak Seal B-1418Set (2)	32.00

Model 25-5.75-100

Shaft 2-9619	\$ 437.00
Top Packing Washer 2-8765	59.00
Polypak Seal B-1419Set (2)	32.00

* Note: Polypak packing is supplied as standard and requires no bottom packing washer. When teflon packing is used, a bottom packing washer must be installed.



High Pressure Equipment Company

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