

<b>A-16</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/4" or 3/8"	A-16	Two-Way	\$158.81		1.25
1/4" or 3/8"	A-16	Three-Way	\$189.42		1.25

<b>A-31</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/8", 1/4", 3/8"	A-31	Two-Way	\$75.47		1.25
1/8", 1/4", 3/8"	A-31	Two-Way, Balanced Piston	\$146.67		1.25
1/8", 1/4", 3/8"	A-31S	Side Gauge Connection	\$85.75		1.25
1/8", 1/4", 3/8"	A-31S	Side Gauge Connection, Balanced	\$166.66		1.25

<b>Option Adders for A-31 Series Valves</b>		
Option	List Price	
"T" Handle	\$2.60	
TFE Seat	\$3.92	
TFE Liner	\$4.38	
Hand Wheel	\$10.43	
Viton Diaphragm	\$24.37	

<b>A-31</b>		<b>Final Line (House Line) Regulator for Cryogenic Service, Ambient Temperatures Only</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	A-31	2-way, Threaded Connections	\$128.13	14422	1.25

<b>A-31HC</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw or "T" Handle(3/4" Hose Connection)</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
3/8"	A-31HC	Two-Way	\$95.31		1.00

<b>A-31VR</b>		<b>Vacuum Regulator for Limited Space</b>			
Size	Model	Description	List Price		Valve

			Price		Weight Lbs.
1/4" x 1/4"	A-31VR	Threaded Connections,	\$346.25		1.50

<b>A-32 Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>					
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	A-32	2-way, Threaded Connections	\$284.97	12956	1.13
3/8"	A-32	2-way, Threaded Connections	\$284.97	16511	1.50
1/4"	A-32	SST Body & Trim	\$1,066.65	19428	1.13
1/4"	A-32	Low cost version (ranges to 250#)	\$227.97	16856	
1/4"	A-32	Low cost version (ranges to 250#)	\$227.97	17313	
3/8"	A-32	Low cost version (ranges to 250#)	\$227.97	18015	
1/4"	A-32	Low cost version (ranges to 250#)	\$227.97	18633	
1/4"	A-32	Low cost version (ranges to 250#)	\$227.97	19077	
1/4"	A-32	Low cost version (200-400 range)	\$239.54	16857	
1/4"	A-32	Low cost version (300-600 range)	\$246.69	19412	
1/4"	A-32	303 SST body, bronze spring chamber	\$627.59	19428	

<b>Option Adders for A-32 Series Valves</b>		
Option	List Price	
Dome Loaded	\$123.77	

<b>A-36 Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>					
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
3/8"	A-36	2-way, Threaded Connections	\$430.32	11520	2.50
3/8"	A-36	Modified #11520	\$529.25	11700	2.50
3/8"	A-36	Hi-Pressure	\$501.62	15299	2.50
1/4"	A-36	Bar Stock SST Body, Bronze Sp. Ch.	\$1,642.19	17150	4.10
3/8"	A-36	Bar Stock SST Body, Bronze Sp. Ch.	\$1,642.19	17625	4.10
1/4"	A-36	Bar Stock SST Body, Bronze Sp. Ch.,	\$1,723.86		4.10
3/8"	A-36	High Pressure (200 to 400 psi)	\$1,723.86		4.10

<b>Option Adders for A-36 Series Valves</b>		
Option	List Price	
Stainless Steel Spring Chamber	\$195.29	

<b>A-360</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw or "T" Handle</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/4" or 3/8"	A-360	Standard Valve	\$294.90		2.00
1/2"	A-360		\$332.08		2.50
1/4" or 3/8"	A-360	Equipped for Panel Mounting	\$316.35		2.00
1/2"	A-360		\$359.01		2.50

<b>Option Adders for A-360 Series Valves</b>		
Option	List Price	
"T" Handle	\$13.84	
Viton Elastomers	\$36.08	

<b>A-361</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw or "T" Handle</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
		Same as A-360 w/ Gauge Connection			
1/4" or 3/8"	A-361	Standard Valve	\$320.61		2.00
1/2"	A-361		\$367.78		2.50
1/4" or 3/8"	A-361	Equipped for Panel Mounting	\$346.45		2.00
1/2" or 9/16"	A-361		\$394.59		2.50

<b>Option Adders for A-361 Series Valves</b>		
Option	List Price	
"T" Handle	\$13.84	
Viton Elastomers	\$36.08	

<b>A-365</b>		<b>Pressure Regulator for Limited Space, Low Capacity Standard Adjusting Screw or "T" Handle (Replaces A-362)</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
		High Press. Up to 1000 psi Inlet, 250 psi Outlet			
1/4" or 3/8"	A-365	Brass Body	\$651.88		2.50

<b>Option Adders for A-365 Series Valves</b>		
Option	List Price	
O <sub>2</sub> Service	\$49.14	
"T" Handle	\$13.84	

Viton Elastomers

\$36.08

<b>A-401</b>		<b>Pressure Regulator for Final Line Gas O<sub>2</sub> Cleaned</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	A-401	Threaded Bronze Body	\$734.27	21985	7.50
1/2"	A-401	Threaded Bronze Body High Pressure	\$772.38	22041	7.50

<b>A-401</b>		<b>Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	A-401	Threaded Bronze Body	\$734.27	21999	7.50
1/2"	A-401	Threaded Bronze Body High Pressure	\$772.38	21971	7.50

<b>B</b>		<b>Pressure Regulator for Steam, Hot Water, Light Oil, Cold Water or Air Bronze Internals w/ TFE Piston for Steam Service</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/4"	B	Threaded, Iron Body	\$248.82		2.75
3/8"	B		\$292.76		5.00
1/2"	B		\$310.26		7.50
3/4"	B		\$376.81		9.00
1"	B		\$491.63		12.00
1-1/4"	B		\$681.78		18.00
1-1/2"	B		\$758.32		18.00
2"	B		\$1,100.10		32.00
1/4"	B	Threaded, Bronze Body	\$318.21		3.00
3/8"	B		\$344.02		5.50
1/2"	B		\$427.17		8.00
3/4"	B		\$509.32		10.00
1"	B		\$775.74		16.00
1-1/4"	B		\$1,043.48		20.00
1-1/2"	B		\$1,123.33		20.00
2"	B		\$2,040.16		37.00

<b>B</b>		<b>Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	B		\$414.78	12315	3.00
3/8"	B		\$549.90	12316	5.50
1/2"	B		\$799.16	12290	8.00

3/4"	B	2-way, Threaded Connections	\$907.44	12300	10.00
1"	B		\$1,232.34	12319	16.00
1-1/4"	B		\$1,537.23	12320	20.00
1-1/2"	B		\$1,612.10	12321	20.00
2"	B		\$2,375.01	08580	37.00

<b>BBC</b>		<b>Pressure Regulator for Heavy Oil or Viscous Fluids</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
3/8"	BBC	Iron Body	\$435.47		2.75
1/2"	BBC		\$527.90		5.00
3/4"	BBC		\$598.28		7.50
1"	BBC		\$707.41		9.00
1-1/4"	BBC		\$1,022.85		12.00
1-1/2"	BBC		\$1,095.83		18.00
3/8"	BBC	Bronze Body	\$547.12		2.75
1/2"	BBC		\$703.82		5.00
3/4"	BBC		\$782.68		7.50
1"	BBC		\$978.47		9.00
1-1/4"	BBC		\$1,380.17		12.00
1-1/2"	BBC		\$1,579.95		18.00

<b>Option Adders for B &amp; BBC Series Valves</b>				
Size	Model	Option	List Price	
1/4" - 1"	B, BBC	Differential Construction-1/4" tapped spring chamber with sealed closing cap.	\$183.18	
1-1/4" - 2"	B, BBC		\$228.92	
1/4" - 3/4"	B, BBC	T-Handle	\$28.76	
1" - 1/2"	B, BBC		\$37.24	
2"	B, BBC		\$55.38	
1/4" - 3/4"	B, BBC	Handwheel	\$83.77	
1" - 1-1/2"	B, BBC		\$83.77	
2"	B, BBC		\$99.15	
All	B, BBC	O2 Cleaning	\$0.00	

<b>B-95</b>		<b>Pressure Regulator for Steam, Water or Air</b>			
<b>Steam: Stainless Seat &amp; Diaphragm, Water/Air: Buna N Seat &amp; Diaphragm</b>					
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	B-95	Steel Body, SST Trim, Steel Spring Chamber	\$1,972.36		2.00
3/4"	B-95		\$2,492.13		2.50
1"	B-95		\$2,966.48		2.50
1/2"	B-95	SST Body, SST Trim, SST Spring Chamber	\$2,121.88		2.50
3/4"	B-95		\$2,678.09		2.00
1"	B-95		\$3,189.74		2.50

<b>B-95</b>		<b>Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	B-95	SST Body, SST Trim SST Spring Chamber	\$2,446.37	19550	7.25
3/4"	B-95		\$3,089.45	19608	8.50
1"	B-95		\$3,677.57	19626	13.25

<b>Option Adders for B-95 Series Valves</b>		
Option	List Price	
"T" Handle	\$31.43	
Closing Cap Over Adj. Screw	\$153.35	
Differential Service w/ Cap	\$185.32	
High Pressure (250 to 400 psi)	\$197.28	

<b>C-776</b>		<b>Safety Relief Valve for Cryogenic Service</b>			
<b>ASME Section VIII Air/Gas, Male x Female Threaded Connections Only</b>					
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2" x 3/4"	C-776	Bronze Body, Kel-F Seat Disc, ASME VIII	Consult	20156	2.20
1/2" x 1"	C-776			21194	2.20
3/4" x 1"	C-776			20183	2.20
3/4" x 1-1/4"	C-776			20192	3.50
1" x 1-1/4"	C-776			20193	3.50
1-1/4" x 1-1/2"	C-776			20209	4.60
1/2" x 2"	C-776			20226	8.80
2" x 2-1/2"	C-776			20239	15.40
1/2" x 3/4"	C-776	SST Body, Kel-F Seat Disc, ASME VIII	Consult	20430	2.20
1/2" x 1"	C-776			21196	2.20
3/4" x 1"	C-776			20432	2.20
3/4" x 1-1/4"	C-776			20434	3.50
1" x 1-1/4"	C-776			20436	3.50
1-1/4" x 1-1/2"	C-776			20438	4.60
1-1/2" x 2"	C-776			20439	8.80
2" x 2-1/2"	C-776			20440	15.40

<b>D-51, D-52</b>		<b>Vacuum Regulator &amp; Breaker</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	D-51, D-52		\$581.56		3.50
3/4"	D-51, D-52		\$581.56		3.50

1"	D-51, D-52	Bronze	\$1,415.36	13.00
1-1/4"	D-51, D-52		\$1,415.36	13.00
1-1/2"	D-51, D-52		\$1,916.56	27.00
2"	D-51, D-52		\$1,916.56	27.00

<b>D-53</b>		<b>Diaphragm Control Valve</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2" or 3/4"	D-53	Normally Open or Normally Closed	\$280.52		3.00
1" or 1-1/4"	D-53		\$924.34		7.00
1-1/2" or 2"	D-53		\$1,436.26		19.00
1/2" or 3/4"	D-53	With Max or Min Limit Stop	\$501.74		3.00
1" or 1-1/4"	D-53		\$1,273.17		7.00
1/2" or 3/4"	D-53	With Max & Min Limit Stop	\$648.11		3.00
1" or 1-1/4"	D-53		\$1,578.71		7.00

<b>Option Adders for D-53</b>		
Option	List Price	
Viton Soft Goods	\$119.07	

<b>DR-A</b>		<b>Back Pressure Relief Valve</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2" or 3/4"	DRA	Bronze	\$621.68		3.50
1" or 1-1/4"	DRA		\$1,522.26		13.00

<b>DR-A</b>		<b>Back Pressure Relief Valve for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	DRA	Side in, Side out	\$763.59	17158	3.50

<b>E-55</b>		<b>Pressure Regulator for Water &amp; Air High Capacity</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	E-55	All Bronze	\$742.42		6.00
3/4"	E-55		\$788.06		6.00
1"	E-55		\$861.01		6.00
1-1/4"	E-55		\$1,413.66		16.00

1-1/2"	E-55		\$1,442.77		16.50
2"	E-55		\$1,711.69		17.50

<b>E-55</b>		<b>Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1-1/4"	E-55	2-way, Threaded Connections	\$1,752.15	11980	17.00
1-1/2"	E-55		\$1,849.04	11981	17.00
2"	E-55		\$2,219.39	11982	17.00

<b>E-55</b>		<b>Final Line (House Line) Regulator for Oxygen Service, Ambient Temperatures On</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	E-55	2-way, Threaded Connections	\$918.35	18937	6.00
3/4"	E-55		\$963.80	18938	6.00
1"	E-55		\$1,022.84	18939	6.00
1-1/4"	E-55		\$1,578.11	18940	17.00
1-1/2"	E-55		\$1,666.37	18941	17.00
2"	E-55		\$2,059.05	18942	17.00

<b>F-37, F-36</b>		<b>Back Pressure Valve Standard Pressure Range 10-70 psi</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	F-37, F-36	Female Connections	\$365.28		2.00
3/8"	F-37, F-36		\$365.28		2.00

<b>FR</b>		<b>Back Pressure Valve</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	FR	IB, Bronze Trim, SST Seat Disc & Ring	\$793.16		8.00
3/4"	FR		\$906.37		13.00
1"	FR		\$1,049.65		20.50
1-1/4"	FR		\$1,388.22		21.50
1-1/2"	FR		\$1,595.84		29.00
2"	FR		\$1,870.83		31.50
1/2"	FR	IB, 303 SST Body Seat, SST Seat Disc & Ring	\$953.83		8.00
3/4"	FR		\$1,086.18		13.00
1"	FR		\$1,330.97		20.50
1-1/4"	FR		\$1,689.98		21.50
1-1/2"	FR		\$1,954.79		29.00

2"	FR		\$2,162.78		31.50
1/2"	FR	BB, Bronze Trim, SST Seat Disc & Ring	\$1,023.74		9.50
3/4"	FR		\$1,253.80		15.00
1"	FR		\$1,491.19		23.50
1-1/4"	FR		\$2,070.10		24.50
1-1/2"	FR		\$2,290.97		33.00
2"	FR		\$2,598.86		35.50
1/2"	FR		BB, 303 SST Trim, SST Seat Disc & Ring	\$1,275.68	
3/4"	FR	\$1,569.77			15.00
1"	FR	\$1,891.26			23.50
1-1/4"	FR	\$2,587.72			24.50
1-1/2"	FR	\$2,863.93			33.00
2"	FR	\$3,248.15			35.50
1/2"	FR	SB, 303 SST Trim, Steel Spring Chamber		\$2,439.91	
3/4"	FR		\$2,790.35		16.00
1"	FR		\$2,993.52		25.00
1-1/4"	FR		\$3,283.06		26.00
1-1/2"	FR		\$3,716.57		35.00
2"	FR		\$4,447.92		37.00
1/2"	FR		316 SSB, 303 SST Trim, Iron SpCh, Buna-N-O-Ring	\$2,559.42	
3/4"	FR	\$2,926.39			16.00
1"	FR	\$3,143.39			25.00
1-1/4"	FR	\$3,449.18			26.00
1-1/2"	FR	\$3,904.04			35.00
2"	FR	\$4,665.73			37.00
1/2"	FR	316 SSB, 303 SST Trim, 316 SST SpCh, Buna-N O-Ring		\$3,071.32	
3/4"	FR		\$3,511.61		16.00
1"	FR		\$3,772.11		25.00
1-1/4"	FR		\$4,138.98		26.00
1-1/2"	FR		\$4,684.84		35.00
2"	FR		\$5,598.85		37.00

IB = Iron Body; BB = Bronze Body; SB = Steel Body; SSB = Stainless Steel Body; SST = Stainless Steel

<b>FR</b>		<b>Back Pressure/Economizer Valve for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	FR	BB, Brass Trim, 2 Side Inlets, Bottom Outlet.	\$1,172.57	13782	9.50
3/4"	FR		\$1,422.23	13784	14.75
1"	FR		\$1,692.86	13785	23.50
1-1/4"	FR		\$2,288.94	13786	24.50
1-1/2"	FR		\$2,523.99	13789	33.00
2"	FR		\$2,850.69	13790	35.50
1/2"	FR*		SST Body & Trim, Bronze Sp.Ch., 2 Side Inlets, Bottom Outlet.	\$3,032.52	15899
3/4"	FR*	\$3,467.28		15732	14.75
1"	FR*	\$3,724.46		19097	23.50
1-1/4"	FR*	\$4,086.74			24.50
1-1/2"	FR*	\$3,506.65			33.00
2"	FR*	\$5,527.83			35.50
1/2"	FR*			\$3,487.40	14530

3/4"	FR*	All SST construction, 2 Side Inlets, Bottom Outlet.	\$3,987.59		14.75
1"	FR*		\$4,283.06		23.50
1-1/4"	FR*		\$4,699.92		24.50
1-1/2"	FR*		\$5,422.13		33.00
2"	FR*		\$6,356.97		35.50
1/2"	FR (HP)	Special 316L stainless steel high purity version, investment cast body, 15 RMS internal surface finish, electro-polished,	\$4,475.61	18333	
1/2"	FR (HP)		\$4,475.61	18655	
1/2"	FR (HP)		\$4,475.61	19056	

\* Note: Higher Pressure Ranges Are Subject to a \$56.81 Adder

<b>FR-6</b>		<b>Back Pressure Valve Bronze Body &amp; Spring Chamber</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	FR-6	Bronze Trim, SST Seat Disc & Ring	\$1,224.24		9.50
3/4"	FR-6		\$1,454.92		15.00
1"	FR-6		\$1,713.92		23.50
1-1/4"	FR-6		\$2,271.37		24.50
1-1/2"	FR-6		\$2,731.96		33.00
2"	FR-6		\$2,839.84		33.50
1/2"	FR-6	303 SST Trim, SST Seat Disc & Ring	\$1,476.27		9.50
3/4"	FR-6		\$1,770.64		15.00
1"	FR-6		\$2,132.05		23.50
1-1/4"	FR-6		\$2,788.28		24.50
1-1/2"	FR-6		\$3,104.44		33.00
2"	FR-6		\$3,489.11		35.50

<b>FR-6</b>		<b>Back Pressure/Economizer Valve for Cryogenic Service Bronze Body &amp; Spring Chamber</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	FR-6	2 Side Inlets, Bottom Outlet, Threaded Conn.	\$1,385.51	21787	9.50
3/4"	FR-6		\$1,635.53	16360	14.75
1"	FR-6		\$1,906.35	15897	23.50
1-1/4"	FR-6		\$2,502.15	16361	24.50
1-1/2"	FR-6		\$2,779.23	16362	33.00
2"	FR-6		\$3,106.34	16363	35.50

<b>FR-10</b>		<b>Back Pressure Valve Iron Body &amp; Spring Chamber</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	FR-10	303 SST Trim, SST Seat Disc & Ring	\$638.22		7.00
3/4"	FR-10		\$779.76		11.50
1"	FR-10		\$833.34		18.50
1-1/4"	FR-10		\$976.33		19.50
1-1/2"	FR-10		\$1,374.83		27.00

2"	FR-10	\$1,769.58	29.00
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<b>Option Adders for FR, FR-6 &amp; FR-10 Series Valves</b>				
Size	Model	Option	List Price	
1/2"	FR, FR-6	316 SST Trim	\$238.48	
3/4"	FR, FR-6		\$271.58	
1"	FR, FR-6		\$332.78	
1-1/4"	FR, FR-6		\$422.44	
1-1/2"	FR, FR-6		\$488.70	
2"	FR, FR-6		\$540.68	
All	All		Teflon "O-Ring" for	\$43.93
1/2" to 1-1/4"	FR, FR-6	Teflon Diaphragm Gasket for Metal Diaphragm Valves	\$26.78	
1-1/2" to 2"	FR, FR-6		\$92.00	
1/2" to 1-1/4"	All	Teflon Diaphragm Liner for Buna-N Diaphragm Valves	\$44.67	
1-1/2" to 2"	All		\$120.23	
All	All	"T" Handle	\$142.73	
All	FR, FR-6	Differential Construction	\$137.97	
All	All	Viton Diaphragm	\$200.77	

<b>FRM, FRM-C</b>		<b>Back Pressure Relief Valve</b>			
		<b>*Please Specify Side or Bottom Outlet When Ordering</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/8"	FRM	Side Inlet Side* or Bottom* Outlet	\$195.59		1.00
1/4"	FRM		\$195.59		1.00
3/8"	FRM		\$195.59		1.00
1/8"	FRM	Two Side Inlets, Bottom Outlet	\$204.34		1.00
1/4"	FRM		\$204.34		1.00
1/8"	FRM-C	Side Inlet Side* or Bottom* Outlet w/ Resilient Seat	\$205.41		1.00
1/4"	FRM-C		\$205.41		1.00
3/8"	FRM-C		\$205.41		1.00
1/8"	FRM-C	Two Side Inlets, Bottom Outlet w/ Resilient Seat	\$214.52		1.00
1/4"	FRM-C		\$214.52		1.00

<b>FRM</b>		<b>Back Pressure/Economizer Valve for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	FRM	Side Inlet, Side Outlet, Threaded Conn.	\$278.51	11224	1.13
1/4"	FRM		\$220.13	20445	1.13
3/8"	FRM		\$278.51	11225	1.13
1/4"	FRM	Side Inlet, Bottom Outlet, Threaded Conn.	\$278.51	07335	1.13
3/8"	FRM		\$278.51	09172	1.13
1/4"	FRM	2 Side Inlets, Bottom Outlet,	\$287.33	08250	1.13
1/4"	FRM	303 SST Body & Trim SI-SO or SI-BO	\$1,018.83	19426	1.13

<b>FRM</b>		<b>Back Pressure/Economizer Valve for Cryogenic Service</b>			
		<b>Low Cost Versions</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	FRM	Low cost version (ranges to 250#)	\$223.07	16858	1.13
1/4"	FRM		\$223.07	17214	1.13
1/4"	FRM		\$223.07	17720	1.13
1/4"	FRM		\$223.07	18536	1.13
1/4"	FRM		\$223.07	18632	1.13
1/4"	FRM		\$223.07	18659	1.13
1/4"	FRM		\$223.07	19210	1.13
1/4"	FRM	Low cost version (200 - 400# range)	\$234.35	16859	1.13
1/4"	FRM	Low cost version (300 - 600# range)	\$241.32	19413	1.13
1/4"	FRM	Monel seat & ring (75-175# range)	\$230.25	18562	1.13
1/4"	FRM	Monel seat & ring (200-600# range)	\$241.91	18563	1.13
1/4"	FRM	303 SST body, bronze spring chamber	\$586.94	19424	1.13

<b>FRM-2</b>		<b>Back Pressure Relief Valve</b>			
		<b>*Please Specify Side or Bottom Outlet When Ordering</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/4"	FRM-2	Side Inlet Side* or Bottom* Outlet	\$270.06		2.50
3/8"	FRM-2		\$270.06		2.50
1/2"	FRM-2		\$444.31		3.50
1/4"	FRM-2	Two Side Inlets, Bottom Outlet	\$281.32		2.50
3/8"	FRM-2		\$281.32		2.50
1/2"	FRM-2		\$443.87		3.50
1/4"	FRM-2	SST Wetted Parts, Side Inlet, Bottom Outlet	\$765.83		2.50
3/8"	FRM-2		\$765.83		2.50
1/2"	FRM-2		\$971.15		3.50

<b>Option Adders for FRM-2 Series Valves</b>		
Option	List Price	
Stainless Steel Spring Chamber	\$177.09	
High Pressure Construction (200 - 400 psi)	\$74.13	
Teflon Gasket	\$14.20	
T-Handle	\$13.85	
Oxygen Cleaning	\$49.14	

<b>FRM-2</b>		<b>Back Pressure/Economizer Valve for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight

					Lbs.
1/4"	FRM-2	Side Inlet, Side Outlet, Threaded Conn.	\$371.88	12790	2.50
3/8"	FRM-2		\$371.88	11831	2.50
1/2"	FRM-2		\$518.48	10673	3.50
1/4"	FRM-2	Side Inlet, Bottom Outlet, Threaded Conn.	\$371.88	08702	2.50
3/8"	FRM-2		\$371.88	08703	2.50
1/2"	FRM-2		\$518.48	08704	3.50
1/4"	FRM-2	2 Side Inlets, Bottom Outlet, Threaded Conn.	\$385.64	12605	2.50
3/8"	FRM-2		\$385.64	08245	2.50
1/2"	FRM-2		\$518.48	12070	3.50
1/4"	FRM-2	Side Inlet, Side Outlet, Threaded Conn., Hi-Pres	\$480.42	14275	2.50
3/8"	FRM-2		\$480.42	15392	2.50
1/2"	FRM-2		\$606.24	15895	3.50
1/4"	FRM-2	Side Inlet, Bottom Outlet, Threaded Conn., Hi-Pres	\$480.42	15555	2.50
3/8"	FRM-2		\$480.42	16719	2.50
1/2"	FRM-2		\$606.24	15425	3.50
1/4"	FRM-2	12790 w/ special brazed tube ends	\$450.08	11695	2.50
1/2"	FRM-2	10673 w/ special vent hole	\$493.80	14269	3.50
1/4"	FRM-2	12790 w/ special vent hole	\$354.14	19078	2.50
1/2"	FRM-2	SST Body & Trim, SI-SO or SI-BO	\$1,287.30	18780	3.50

<b>FRM-V</b>		<b>Vacuum Breaker</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/8", 1/4", 3/8"	FRM-V	Forged Brass Body Adjustable	\$348.38		1.00

<b>G-4</b>		<b>Pilot Operated Pressure Regulator for Steam</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	G-4	2042 Bronze Threaded	Consult Factory		13.20
3/4"	G-4				15.00
1"	G-4				15.40
1-1/4"	G-4				23.80
1-1/2"	G-4				28.00
2"	G-4				33.90
1/2"	G-4	2042 Stainless Steel Threaded	Consult Factory		13.20
3/4"	G-4				15.00
1"	G-4				15.40
1-1/4"	G-4				23.80
1-1/2"	G-4				28.00
2"	G-4				33.90
1/2"	G-4	2043 (CL150) Bronze Flanged	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				19.80
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90

2"	G-4			45.80
1/2"	G-4	2043 (CL300) Bronze Flanged	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80
1/2"	G-4	2043 (CL150) Stainless Steel Flg	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80
1/2"	G-4	2043 (CL300) Stainless Steel Flg	Consult Factory	17.60
3/4"	G-4			18.9
1"	G-4			19.8
1-1/4"	G-4			30
1-1/2"	G-4			35.9
2"	G-4			45.8

<b>G-4</b>		<b><i>Pilot Operated Pressure Regulator for Steam</i></b>			
		<b><i>Continued</i></b>			
Size	Model	Description	List Price		Valve Weight Lbs.
2-1/2"	G-4	2044 (CL125) Iron Flanged	Consult Factory		77.00
3"	G-4			104.00	
4"	G-4			174.00	
5"	G-4			247.00	
6"	G-4			351.00	
1/2"	G-4	2046 (CL150) Steel Flanged	Consult Factory		17.60
3/4"	G-4			18.90	
1"	G-4			30.00	
1-1/4"	G-4			30.00	
1-1/2"	G-4			35.90	
2"	G-4			58.00	
2-1/2"	G-4	2046 (CL150) Steel Flanged	Consult Factory		93.00
3"	G-4			115.00	
4"	G-4			192.00	
5"	G-4			273.00	
6"	G-4			381.00	
1/2"	G-4	2046 (CL300) Steel Flanged	Consult Factory		17.60
3/4"	G-4			18.90	
1"	G-4			30.00	
1-1/4"	G-4			30.00	
1-1/2"	G-4			35.90	
2"	G-4			58.00	
2-1/2"	G-4	2046 (CL300) Steel Flanged	Consult Factory		93.00
3"	G-4			115.00	
4"	G-4			192.00	
5"	G-4			273.00	
6"	G-4			381.00	

<b>Option Adders for G-4 Series Valves</b>		
Option	List Price	Air/Gas Net Price
Low Pressure Top (1-5 psig)	Consult Factory	

<b>G-4</b>		<b>Pilot Operated Pressure Regulator for Air/Gas</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	G-4	2042 Bronze Threaded	Consult Factory		13.20
3/4"	G-4				15.00
1"	G-4				15.40
1-1/4"	G-4				23.80
1-1/2"	G-4				28.00
2"	G-4				33.90
1/2"	G-4	2042 Stainless Steel Threaded	Consult Factory		13.20
3/4"	G-4				15.00
1"	G-4				15.40
1-1/4"	G-4				23.80
1-1/2"	G-4				28.00
2"	G-4				33.90
1/2"	G-4	2043 (CL150) Bronze Flanged	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				19.80
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90
2"	G-4				45.80
1/2"	G-4	2043 (CL300) Bronze Flanged	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				19.80
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90
2"	G-4				45.80
1/2"	G-4	2043 (CL150) Stainless Steel Flg	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				19.80
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90
2"	G-4				45.80
1/2"	G-4	2043 (CL300) Stainless Steel Flg	Consult Factory		17.60
3/4"	G-4				18.9
1"	G-4				19.8
1-1/4"	G-4				30
1-1/2"	G-4				35.9
2"	G-4				45.8

<b>G-4</b>		<b>Pilot Operated Pressure Regulator for Air/Gas</b>			
		<b>Continued</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
2-1/2"	G-4	2044 (CL125) Iron Flanged	Consult Factory		77.00
3"	G-4				104.00
4"	G-4				174.00
5"	G-4				247.00
6"	G-4				351.00
1/2"	G-4	2046 (CL150) Steel Flanged	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				30.00
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90
2"	G-4				58.00
2-1/2"	G-4	2046 (CL150) Steel Flanged	Consult Factory		93.00
3"	G-4				115.00
4"	G-4				192.00
5"	G-4				273.00
6"	G-4				381.00
1/2"	G-4	2046 (CL300) Steel Flanged	Consult Factory		17.60
3/4"	G-4				18.90
1"	G-4				30.00
1-1/4"	G-4				30.00
1-1/2"	G-4				35.90
2"	G-4				58.00
2-1/2"	G-4	2046 (CL300) Steel Flanged	Consult Factory		93.00
3"	G-4				115.00
4"	G-4				192.00
5"	G-4				273.00
6"	G-4				381.00

<b>Option Adders for G-4 Series Valves</b>		
Option	List Price	Air/Gas Net Price
Low Pressure Top (1-5 psig)	Consult Factory	

<b>G-4</b>		<b>Pilot Operated Pressure Regulator for Final Line Gas Oxygen &amp; Methane Service</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/2"	G-4	2042 Bronze Threaded	Consult Factory		13.20
3/4"	G-4				15.00
1"	G-4				15.40
1-1/4"	G-4				23.80
1-1/2"	G-4				28.00
2"	G-4				33.90

1/2"	G-4	2042 Stainless Steel Threaded	Consult Factory	13.20
3/4"	G-4			15.00
1"	G-4			15.40
1-1/4"	G-4			23.80
1-1/2"	G-4			28.00
2"	G-4			33.90
1/2"	G-4	2043 (CL150) Bronze Flanged	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80
1/2"	G-4	2043 (CL300) Bronze Flanged	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80
1/2"	G-4	2043 (CL150) Stainless Steel Flg	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80
1/2"	G-4	2043 (CL300) Stainless Steel Flg	Consult Factory	17.60
3/4"	G-4			18.90
1"	G-4			19.80
1-1/4"	G-4			30.00
1-1/2"	G-4			35.90
2"	G-4			45.80

<b>G-60</b>		<b>Pressure Regulator for Steam, Air, Water &amp; Oil</b>			
Size	Model	Description	List Price	Valve Weight Lbs.	
1/4"	G-60	IB, Bronze Trim, SST Inner Valve & Seat	\$914.30	8.00	
3/8"	G-60		\$914.30	8.00	
1/2"	G-60		\$997.21	15.00	
3/4"	G-60		\$1,108.09	22.00	
1"	G-60		\$1,413.42	32.00	
1-1/4"	G-60		\$1,714.62	58.00	
1-1/2"	G-60		\$2,053.82	58.00	
1/4"	G-60	IB, 303 SST Trim, SST Inner Valve & Seat	\$1,274.80	8.00	
3/8"	G-60		\$1,274.80	8.00	
1/2"	G-60		\$1,552.55	15.00	
3/4"	G-60		\$1,829.08	22.00	
1"	G-60		\$2,327.81	32.00	
1-1/4"	G-60		\$2,972.29	58.00	
1-1/2"	G-60		\$3,568.64	58.00	
1/4"	G-60		\$1,245.28	9.00	
3/8"	G-60		\$1,245.28	9.00	

1/2"	G-60	BB, Bronze Trim, SST Inner Valve & Seat	\$1,431.91	16.00
3/4"	G-60		\$1,681.62	24.00
1"	G-60		\$2,121.23	35.00
1-1/4"	G-60		\$2,627.27	63.00
1-1/2"	G-60		\$3,158.91	63.00
1/4"	G-60	BB, 303 SST Trim, SST Inner Valve & Seat	\$1,651.26	9.00
3/8"	G-60		\$1,651.26	9.00
1/2"	G-60		\$2,056.14	16.00
3/4"	G-60		\$2,497.54	24.00
1"	G-60		\$3,175.35	35.00
1-1/4"	G-60		\$3,829.60	63.00
1-1/2"	G-60	\$4,590.93	63.00	
1/4"	G-60	CSB, 303 SST Trim, SST Inner Valve & Seat	\$2,737.36	9.00
3/8"	G-60		\$2,737.36	9.00
1/2"	G-60		\$3,097.49	16.00
3/4"	G-60		\$3,391.41	24.00
1"	G-60		\$3,944.74	35.00
1/4"	G-60	316 SSB, 303 SST Trim, SST Inner Valve & Seat	\$3,029.95	9.00
3/8"	G-60		\$3,029.95	9.00
1/2"	G-60		\$3,223.57	16.00
3/4"	G-60		\$3,656.23	24.00
1"	G-60		\$4,539.55	35.00
1-1/4"	G-60		\$6,324.97	63.00
1-1/2"	G-60	\$7,124.03	63.00	
1/4"	G-60	316 SSB, 303 SST Trim, 316 SST SpCh, SST Inner Valve & Seat	\$3,635.99	9.00
3/8"	G-60		\$3,635.99	9.00
1/2"	G-60		\$3,868.20	16.00
3/4"	G-60		\$4,387.35	24.00
1"	G-60		\$5,447.44	35.00
1-1/4"	G-60		\$7,590.00	63.00
1-1/2"	G-60	\$8,548.91	63.00	

IB = Iron Body; BB = Bronze Body; SB = Steel Body; CSB = Carbon Steel Body; SSB = Stainless Steel Body; SST = Stainle

### Option Adders for G-60 Series Valves

Size	Model	Option	List Price
All	G-60	"T" Handle	\$142.73
All	G-60	Differential Construction -	\$210.32
1/4" to 1"	G-60	Teflon Diaphragm Gasket Liner	\$61.17
1-1/4" to 1-1/2"	G-60		\$89.84
1/4" to 1"	G-60	Teflon Seat	\$28.31
1-1/4" to 1-1/2"	G-60		\$40.21

### G-60 Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service

Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/4"	G-60		\$1,803.00	14270	9.00

3/8"	G-60	Bronze Body & Sp. Ch., 2-way, Threaded Connections	\$1,803.00	14271	9.00	
1/2"	G-60		\$2,034.36	10585	16.00	
3/4"	G-60		\$2,293.41	10615	24.00	
1"	G-60		\$2,638.71	10525	35.00	
1-1/4"	G-60		\$3,239.64	17982	63.00	
1-1/2"	G-60		\$3,896.39	17740	63.00	
1/4"	G-60		SST Body, Bronze Sp. Ch., 2-way, Threaded Connections	\$3,313.76	12123	9.00
3/8"	G-60	\$3,313.76		9.00		
1/2"	G-60	\$3,527.55		16.00		
3/4"	G-60	\$3,998.58		15134		24.00
1"	G-60	\$4,981.83		15585		35.00
1-1/4"	G-60	\$6,917.69		18227		63.00
1-1/2"	G-60	\$7,791.90				63.00
1/4"	G-60	All SST construction, 2-way, Threaded Connections	\$3,808.23	17302	9.00	
3/8"	G-60		\$3,808.23		9.00	
1/2"	G-60		\$4,054.47		16.00	
3/4"	G-60		\$4,598.48		18240	24.00
1"	G-60		\$5,729.09		18414	35.00
1-1/4"	G-60		\$7,955.43			63.00
1-1/2"	G-60		\$8,960.76		18605	63.00
1/2"	G-60		\$4,102.68	16597	16.00	
3/4"	G-60	SST Body & Sp.Ch. W/ SST Pipe Nipples	\$4,973.39	16533	24.00	
3/4" or 1"	G-60	Special 316L Stainless Steel high purity	\$6,854.30		35.00	

<b>K-5, K-5C</b>		<b>Angle Type Back Pressure Relief Valve</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1"	K-5	High Capacity	\$591.23		4.50
1-1/4"	K-5		\$1,046.41		7.50
1-1/2"	K-5		\$1,469.22		8.50
2"	K-5		\$1,810.81		14.00
1"	K-5C	High Capacity w/ Resilient Seat	\$620.78		4.50
1-1/4"	K-5C		\$1,098.76		7.50
1-1/2"	K-5C		\$1,542.82		8.50
2"	K-5C		\$1,901.29		14.00

<b>K-10</b>		<b>Angle Type Back Pressure Relief Valve</b>			
Size	Model	Description	List Price		Valve Weight Lbs.
1/4" or 3/8"	K-10	Standard Valve	\$259.54		1.50
1/2" or 3/4"	K-10		\$404.30		2.50
1" or 1-1/4"	K-10		\$840.85		8.50

<b>K-15</b>		<b>Angle Type Back Pressure Relief Valve</b>			
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Size	Model	Description	List Price	Valve Weight Lbs.
1/4" or 3/8"	K-15	Bronze Body, SST Trim	\$449.84	2.00
1/2" or 3/4"	K-15		\$586.94	3.00

<b>KP</b>		<b>Pilot Operated Back Pressure Relief Valve</b>			
Size	Model	Description	List Price	Valve Weight Lbs.	
1"	KP	For Water or Oil Service	\$1,528.15	10.00	
1-1/4"	KP		\$1,528.15	16.00	
1-1/2"	KP		\$2,005.16	22.00	
2"	KP		\$2,005.16	22.00	
1"	KP	For Air Service	\$1,432.86	10.00	
1-1/4"	KP		\$1,432.86	16.00	
1-1/2"	KP		\$1,909.69	22.00	
2"	KP		\$1,909.69	22.00	
ALL	KP	Pilot Only	\$427.79		

<b>Option Adders for KP Series Valves</b>				
Size	Model	Option	List Price	
1", 1-1/4"	KP	High Pressure (400 psi)/	\$305.63	
1-1/2", 2"	KP	High Temperature (400° F)	\$401.10	
1", 1-1/4"	KP	High Pressure (400 psi)/	\$286.59	
1-1/2", 2"	KP	High Temperature (400° F)	\$381.98	
1", 1-1/4"	KP	Oxygen Cleaning for Air/Gas	\$286.59	
1-1/2", 2"	KP		\$381.98	

<b>LS</b>		<b>Pressure Regulator</b>			
<b>For Inlet Pressures to 2,400 psi</b>					
Size	Model	Description	List Price	Valve Weight Lbs.	
3/8", 1/2", 3/4"	LS-1	Metal Seat	\$1,546.53	20.00	
3/8", 1/2", 3/4"	LS-2	Balanced Teflon Seat	\$1,701.42	20.00	
3/8", 1/2", 3/4"	LS-3	For Viscous Fluids	\$1,624.18	20.00	

<b>Option Adders for LS Series Valves</b>		
Option	List Price	
"T" Handle	\$131.55	
High Pressure Construction (400 to 750 psi)	\$201.77	

<b>LS-4</b>		<b>Pressure Reducing Valve/Pressure Build-up Regulator for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	LS-4	2-way, Threaded Conn.	\$2,106.11	18266	20.00

<b>LTC</b>		<b>Low Temperature Cut-Off Valve for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	LTC	Double Port, Union Connections	\$1,935.20	18131	12.00
3/4"	LTC		\$2,026.56	18127	13.00
1"	LTC		\$2,093.85	18112	15.00
1-1/4"	LTC		\$2,438.49	18108	16.00
1-1/2"	LTC		\$2,510.90	18042	19.00
2"	LTC		\$2,965.50	18178	25.00

<b>LTC Replacement Parts/Kits</b>		
Option	List Price	Part Number
Well Sub	\$209.36	17960
High Pressure Construction (400 to 750 psi)	\$925.34	18052

<b>MC</b>		<b>By-Pass Relief Valve</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	MC	With Closing Cap	\$70.83		1.00
3/4"	MC		\$110.10		1.00
1"	MC		\$160.67		2.00

<b>NSW</b>		<b>By-Pass Relief Valve</b>			
Size	Model	Description	List Price	Part Number	Valve Weight Lbs.
1/2"	NSW	With Adjusting Knob	\$85.27		2.00

<b>PBE-1,2,4</b>		<b>Combination Pressure Builder-Economizer for Cryogenic Service</b>			
Size	Model	Description	List Price	Part Number	Valve

			Price	Number	Weight Lbs.
1/4"	PBE-1	Low Pressure 50 to 175 psig	\$428.54	19264	2.50
1/4"	PBE-1	Medium Pressure 150 - 350 psig	\$451.20	19276	2.50
1/4"	PBE-1	High Pressure 300 - 600 psig	\$482.61	20777	3.50
1/4"	PBE-1	303 SST Body & Trim	\$1,668.36	20061	2.50
1/2"	PBE-2	Pressure Ranges to 250 psi	\$1,054.14	19405	2.50
1/2"	PBE-2	SST High Pressure 200-400 psi	\$3,227.79	20107	3.50
1/2"	PBE-4	Pressure Ranges to 400 psi	\$791.76	22188	2.50
1/2"	PBE-4	300-600 psi	\$836.37	22187	3.50

<b>TA Temperature Regulator w/ Standard 8 ft. Capillary Bronze Body, Capillary &amp; Bulb. Price Includes Brass Union Bushing</b>					
Size	Model	Description	List Price		Valve Weight Lbs.
1/2" A,B,C,D,E	TA-1	Direct-Acting, Single Seat, Indicating	\$1,937.92		13.00
1/2"	TA-1		\$1,937.92		13.00
3/4"	TA-1		\$1,963.87		13.00
1"	TA-1		\$2,188.60		13.00
1-1/4"	TA-1		\$2,494.53		20.00
1-1/2"	TA-1		\$2,602.89		20.00
2"	TA-1		\$2,884.15		21.00
1/2" A,B,C,D,E	TA-2	Reverse-Acting, Single Seat, Indicating	\$1,937.92		13.00
1/2"	TA-2		\$1,937.92		13.00
3/4"	TA-2		\$1,963.87		13.00
1"	TA-2		\$2,188.60		13.00
1-1/4"	TA-2		\$2,494.53		20.00
1-1/2"	TA-2		\$2,602.89		20.00
2"	TA-2		\$2,884.15		21.00
1/2"	TA-3	3-Way, Single Seat, Indicating	\$2,080.92		13.00
3/4"	TA-3		\$2,129.09		13.00
1"	TA-3		\$2,298.11		13.00
1-1/4"	TA-3		\$2,561.66		20.00
1-1/2"	TA-3		\$2,619.42		20.00
2"	TA-3		\$2,959.87		21.00
1/2"	TA-4	Direct Acting, Double Seat, Indicating	\$2,121.08		13.00
3/4"	TA-4		\$2,169.84		13.00
1"	TA-4		\$2,341.38		13.00
1-1/4"	TA-4		\$2,610.63		20.00
1-1/2"	TA-4		\$2,666.54		20.00
2"	TA-4		\$2,885.79		21.00
1/2"	TA-5	Reverse-Acting, Double Seat, Indicating	\$2,121.08		13.00
3/4"	TA-5		\$2,169.84		13.00
1"	TA-5		\$2,341.38		13.00
1-1/4"	TA-5		\$2,610.63		20.00
1-1/2"	TA-5		\$2,666.54		20.00
2"	TA-5		\$2,885.79		21.00
All	All	Thermal System Only	\$773.33		
All	All	Union Bushing Only	\$43.82		

### Option Adders for TA Series Valves

Capillary Length	Material	Option	List Price
15 ft.	Bronze	Extra Length Capillary	\$145.32
20 ft.	Bronze		\$254.65
8 ft.	SST	Extra Length Capillary - Non-Armored	\$606.73
15 ft.	SST		\$751.55
20 ft.	SST		\$860.29
8 ft.	SST	Extra Length Capillary - Armored	\$766.17
15 ft.	SST		\$1,015.88
20 ft.	SST		\$1,188.02
8 ft.	Teflon	Extra Length Capillary	\$431.60
15 ft.	Teflon		\$716.06

### TA Regulator Wells (Including Bushing) Adders

Category	Material	"U" Dimension	Well Diameter	Bulb Diameter	List Price
A	Brass	10.5"	3/4"	5/8"	Call
E	304 SST	10.5"	3/4"	5/8"	Call
G	316 SST	10.5"	3/4"	5/8"	Call
J	Brass	12.5"	1-1/8"	1"	Call
N	304 SST	12.5"	1-1/8"	1"	Call
Q	316 SST	12.5"	1-1/8"	1"	Call
K	Brass	19.5"	1-1/8"	1"	Call

### 2300 Short Bonnet Shut-Off Valve for Cryogenic Service

Size	Model	Description	List Price	Valve Weight Lbs.
1/4'	2300	N.P.T. End Connection	\$81.23	
3/8"	2300		\$81.23	
1/2"	2300		\$81.23	
3/8" Stub Inlet	2300	S.B.T. 10 x 1.25 Inlet, N.P.T. Outlet	\$92.13	
3/8" Stub Inlet	2300	S.B.T. 10 x 2.125 Inlet, N.P.T. Outlet	\$92.13	
3/8" Stub Inlet	2300	S.B.T. 10 x 3.375 Inlet, N.P.T. Outlet	\$92.13	

### SY-70C "Y" Pattern Strainers

Size	Model	Description	List Price	Valve Weight Lbs.
1/2"	SY-70C	ASTM B62 Cast Bronze Body	\$324.53	0.60
3/4"	SY-70C		\$338.85	1.30
1"	SY-70C		\$401.03	2.00
1-1/4"	SY-70C		\$483.09	3.10
1-1/2"	SY-70C		\$614.03	4.10
2"	SY-70C	ASTM A276 Stainless Steel Body	\$1,046.64	9.00

### OEM Replacement Valves

**Coltec Compressors**

Model	Size	Spring Range	Customer Part #	Cash Valve Part #	Cash Valve Kit #	List Price
CP	1/4"	40-100	20306	12448	15136	\$293.93
CP	1/4"	40-100	21969	12888	15136	\$293.93
CP	1/4"	40-100	21969-1	14123	15136	\$293.93
CP	1/4"	75-175	21969-2	14926	15136	\$293.93
CP	1/4"	75-175	21969-3	16087	15136	\$293.93
CP	1/4"	100-250	21969-4	16775	15136	\$293.93
CP	1/4"	75-175	21969-6	17566	15136	\$293.93
CP	1/4"	75-175	21969-8	18710	15136	\$293.93
CP-2	1/4"	80-150	210494	14174	15272	\$342.00
CP-2	1/4"	150-250	210494-1	15741	15272	\$333.62
CPV	1/4"		125368	16438	19450	\$359.95

**OEM Replacement Valves****Sullair Compressors**

Model	Size	Spring Range	Customer Part #	Cash Valve Part #	Cash Valve Kit #	List Price
CP	1/4"	40-125	41517	15259	15136	\$277.81
CP-2	1/4"	150-275	45099	15174	15272	\$400.68
CP-2	1/4"	200-400	48059	15360	15272	\$400.68
A-360	1/4"	75-250	48354	15137	15138	\$507.36
CP	1/4"	75-175	48408	14940	15136	\$277.81
CP	1/4"	75-175	406929	16050	15136	\$277.81
CP	1/4"	40-125	408275	16300	15136	\$293.93
CP-2	1/4"	80-150	02250052-358	19221	15272	\$400.68

**OEM Replacement Valves****Gardner Denver Compressors**

Model	Size	Spring Range	Customer Part #	Cash Valve Part #	Cash Valve Kit #	List Price
CP-2	1/4"	80-150	88B39	16590	15272	\$400.68
CP	1/4"	40-125	88B40	16593	15136	\$277.81
CP-2	1/4"	80-150	88B42	16592	15272	\$400.68
CP-2	1/4"	80-150	2009398	16591	15618	\$400.68
CP-2	3/8"	80-150	00519304-0002	12883	15616	\$400.68
CP	1/4"	40-125	00519304-0017	18006	18008	\$508.80
CP	1/4"	75-175	00543234-0005	17909	17910	\$285.32
CP	1/4"	40-125	00543234-0006	18010	17910	\$285.32
CP	1/4"	40-125	00543234-0007	18011	18012	\$285.32

**OEM Replacement Valves****Miscellaneous**

Model	Size	Spring Range	Customer Part #	Cash Valve Part #	Cash Valve Kit #	List Price
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CP-2	1/4"	80-150		09590	05272	\$400.68
CP	1/4"	40-125		12280	15136	\$277.81
CP-2	1/4"	80-150		12455	15618	\$400.68
CP	1/4"	40-125		12625	15599	\$277.81
CP	1/4"	40-125		13918	15184	\$505.06
CP	1/4"	75-175		15852	15136	\$277.81
CP	1/4"	75-175		16998	15136	\$277.81
CP-2	1/4"	80-150		17629	N/A	\$400.68
CP	1/4"	75-175		18376	N/A	\$277.81
CP	1/4"	40-100		18654	15136	\$293.93
CP	1/4"	200-600		19136	N/A	\$314.52
CP	1/4"	80-120		19251	N/A	\$449.84
CP	1/4"	40-125		19963	14685	\$449.84
CP	1/4"	140-200	39905542	19985	N/A	\$461.27
CP	1/4"	100-150	39905542	19986	N/A	\$461.08