

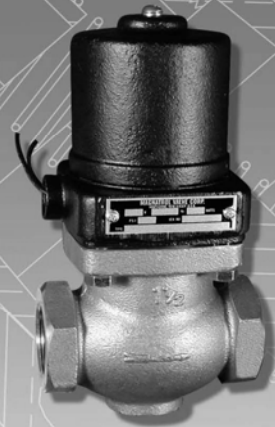
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**Bronze and  
Stainless Steel  
2-Way**

# SOLENOID VALVES

For Control Of  
**WATER • OIL • STEAM  
AIR • GAS • CRYOGENICS  
SOLVENTS • OXYGEN  
CORROSIVE FLUIDS**



\* FOR PRICE BOOK UPDATES CHECK  
MAGNATROL'S RESELLER PAGE ON-LINE AT  
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**PRICE BOOK**  
Catalog 3006

## MAGNATROL VALVE CORPORATION

Magnatrol Valve Corporation • P.O. Box 17 • 67 Fifth Avenue • Hawthorne • New Jersey 07507  
Info@magnatrol.com • Phone:973-427-4341 • Fax:973-427-7611 • www.magnatrol.com

# Terms and Conditions of Sale

- 1. Catalog:** This catalog supersedes all previous issues.
- 2. Quotations:** Quotations are made for acceptance within 60 days and are subject to change or withdrawal without notice.
- 3. Prices and Discounts:** All prices and discounts are in accordance with the prices and discounts established by Magnatrol and are subject to change without notice.
- 4. Terms:** Net 30 days, subject to establishment of credit.
- 5. Shipments:** All shipments are F.O.B. factory, Hawthorne, New Jersey. We are not responsible for any damage due to shipping.
- 6. Minimum Billing:** Minimum billing charge is \$ 50.00 net.
- 7. Cancellations:** Orders are subject to cancellation only with our consent.
- 8. Shipping Date:** There shall be no liability for default or delay in shipping. All orders, contracts, and agreements are made subject to delays contingent upon accidents, strikes, embargoes or other causes beyond our control.
- 9. Design and Materials:** All materials and designs are subject to change without notice.
- 10. Weights and Dimensions:** Weights and dimensions listed in the catalog are as close to actual as is practical but are not guaranteed and are subject to change without notice.
- 11. Errors:** All clerical errors are subject to correction.
- 12. Returns for Repair:** Valves returned for repair must be shipped prepaid and accompanied by a detailed report regarding service application, installation and nature of trouble or malfunction.
- 13. Returns for Credit:** Returns for credit will be accepted only with our consent. Credit will be subject to restocking charge and any additional expenses incurred in restoring valves to saleable condition. Credit will be issued only to original purchaser.
- 14. Taxes:** Any manufacturer's excise tax, use tax, sales tax or tax or duty of any nature shall be paid by the buyer. In the event that the seller is required to pay any such taxes or duties, the buyer shall reimburse seller therefore. The buyer may provide seller with an exemption certificate or other documents acceptable to taxing or customs authorities at the time an order is placed.
- 15. Guarantee:** MAGNATROL valves are guaranteed to be free from any defects in material and workmanship for one year or 500,000 cycles, whichever comes first. Our guarantee solely conveys the right to repair or replace free of charge, any defective valves, or parts, thereof, returned to us transportation charges prepaid, within one year after date of original shipment from factory.

This guarantee shall not apply if the valve has been:

- A. Improperly Installed
- B. Used for other than intended service
- C. Repaired without authorization

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NOTE: All prices are shown in US \$.

## **QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

## BRONZE TYPE "N" - NORMALLY CLOSED 1/2" AND 3/4" PIPE SIZE

Reference Catalog 3006, Page 6

Pipe Size Inches	Max. Diff. PSI	Valve Port Size	Type No.	List Price					Add to List Price			
				Standard AC Voltage*	With MO	With FC	With MS	With DR	With F Exp. Proof	ALL DC	Other AC	
1/4	50	1/4	18N40	<b>DISCONTINUED USE 1/2" WITH BUSHINGS</b>								
	75	3/16	18N50									
	100	5/32	18N80									
	150	1/8	18N60									
	225	3/32	18N70									
	100	1/4	33N40									
		150	3/16	33N50	<b>DISCONTINUED USE 1/2" WITH BUSHINGS</b>							
	300	1/8	33N60									
3/8	25	3/8	18N21	<b>DISCONTINUED USE 1/2" WITH BUSHINGS OR "M" VALVE</b>								
	50	1/4	18N41									
	75	3/16	18N51									
	100	5/32	18N81									
	150	1/8	18N61									
	225	3/32	18N71									
		50	3/8	33N21	<b>DISCONTINUED USE 1/2" WITH BUSHINGS OR "M" VALVE</b>							
		75	5/16	33N31								
		100	1/4	33N41								
		150	3/16	33N51								
	300	1/8	33N61									
1/2	25	3/8	18N22	131	181	201	161	161	74	26	20	
	50	1/4	18N42		NA							
	75	3/16	18N52									
	100	5/32	18N82									
	150	1/8	18N62									
	225	3/32	18N72									
		50	3/8	33N22	199	249	269	229	229	90	26	20
		75	5/16	33N32		NA						
		100	1/4	33N42								
		150	3/16	33N52								
	300	1/8	33N62									
3/4	15	1/2	18N13	138	188	208	168	168	74	26	20	
	35	5/16	18N33									
	30	1/2	33N13	208	258	278	238	238	90	26	20	
	75	5/16	33N33									

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON CLASS "H" COILS AND OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

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Air Freight shipment: 1 to 2 Days  
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**BRONZE  
TYPE "NR" - NORMALLY OPEN  
1/2" AND 3/4" PIPE SIZE**

Reference Catalog 3006, Page 7

Pipe Size Inches	Max. Diff. PSI	Valve Port Size	Type No.	List Price			Add to List Price			
				Standard AC Voltage*	With FC	With MS	With DR	With F Exp. Proof	ALL DC	Other AC
1/4	45	1/4	18NR40	<b>DISCONTINUED USE 1/2" WITH BUSHINGS</b>						
	70	3/16	18NR50							
	90	5/32	18NR80							
	135	1/8	18NR60							
	200	3/32	18NR70							
	90	1/4	33NR40							<b>DISCONTINUED USE 1/2" WITH BUSHINGS</b>
135	3/16	33NR50								
270	1/8	33NR60								
3/8	23	3/8	18NR21	<b>DISCONTINUED USE 1/2" WITH BUSHINGS OR "MR" VALVE</b>						
	45	1/4	18NR41							
	70	3/16	18NR51							
	90	5/32	18NR81							
	135	1/8	18NR61							
	200	3/32	18NR71							
	45	3/8	33NR21	<b>DISCONTINUED USE 1/2" WITH BUSHINGS OR "MR" VALVE</b>						
	70	5/16	33NR31							
	90	1/4	33NR41							
	135	3/16	33NR51							
270	1/8	33NR61								
1/2	23	3/8	18NR22	186	256	216	216	74	26	20
	45	1/4	18NR42							
	70	3/16	18NR52							
	90	5/32	18NR82							
	135	1/8	18NR62							
	200	3/32	18NR72							
	45	3/8	33NR22	255	325	285	285	90	26	20
	70	5/16	33NR32							
	90	1/4	33NR42							
	135	3/16	33NR52							
270	1/8	33NR62								
3/4	13	1/2	18NR13	191	261	221	221	74	26	20
	32	5/16	18NR33							
	27	1/2	33NR13	268	338	298	298	90	26	20
	70	5/16	33NR33							

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.  
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**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
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**BRONZE  
TYPE "A" FULL PORT - NORMALLY CLOSED  
1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 8

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price										Add to List Price	
			Std. AC Voltage*	With MO	With FC	With LV	With DP	With MS	With DR	With PD	With PS	With PSF	With F Exp. Proof	ALL DC
1/2	110	18A42	167	225	257	337	337	197	197	319	417	517	74	26
	200	18A32	173	231	263	343	343	203	203	325	423	523		
	300	18A52	182	240	272	NA	352	212	212	334	432	532		
	500	E33A62	307	365	397	NA	477	337	337	459	557	657	26	
3/4	50	18A23	190	254	286	400	400	220	220	342	440	540	74	26
	110	18A43												
	160	118A43	230	294	326	440	440	260	260	382	480	580	90	
	200	33A33	268	332	364	478	478	298	298	420	518	618		
	300	33A53	272	336	368	NA	482	302	302	424	522	622	26	
500	E133A63	370	434	466	NA	580	400	400	522	620	720			
1	50	18A24	230	303	334	446	446	260	260	382	480	580	74	26
	110	18A44												
	160	118A44	263	336	367	479	479	293	293	415	513	613	90	
	200	33A34	301	374	405	517	517	331	331	453	551	651		
	300	33A54	312	385	416	NA	528	342	342	464	562	662	26	
500	E133A64	419	492	523	NA	635	449	449	571	669	769			
1-1/4	50	18A25	287	383	397	532	532	317	317	467	562	662	74	26
	90	18A45												
	150	118A45	332	428	442	577	577	362	362	512	607	707	90	
	200	33A35	373	469	483	618	618	403	403	553	648	748		
	300	33A55	373	469	483	NA	618	403	403	553	648	748	115	
500	40A65	584	NA	NA	NA	829	614	614	764	859	959	NA		
1-1/2	50	35A26	430	532	560	710	710	460	460	610	705	805	90	52
	115	35A46												
	160	135A46	490	592	620	770	770	520	520	670	765	865	115	
	200	41A36	598	700	728	878	878	628	628	778	873	973		
	300	41A56	623	725	753	NA	903	653	653	803	898	998	1114	
500	141A66	739	NA	NA	NA	1019	769	769	919	1014	1114			
2	50	36A27	622	738	802	972	972	NA	652	842	912	1012	90	52
	100	36A47	634	750	814	984	984	NA	664	854	924	1024		
	150	136A47	705	821	885	1055	1055	NA	735	925	995	1095	115	
	200	42A37	861	977	1041	1211	1211	NA	891	1081	1151	1251		
	300	42A57	906	1022	1086	NA	1256	NA	936	1126	1196	1296	1421	
500	142A67	1031	NA	NA	NA	1381	NA	1061	1251	1321	1421			
2-1/2	50	43A28	1038	1208	1248	1428	1428	NA	1068	1258	1328	1428	115	52
	125	43A48	1074	1244	1284	1464	1464	NA	1104	1294	1364	1464		
	200	43A38	1141	1311	1351	1531	1531	NA	1171	1361	1431	1531		
	300	143A58	1229	1399	1439	NA	1619	NA	1259	1449	1519	1619		
3	50	44A29	1352	1572	1632	1822	1822	NA	1382	1617	1702	1802	115	52
	100	44A49	1426	1646	1706	1896	1896	NA	1456	1691	1776	1876		
	200	44A39	1508	1728	1788	1978	1978	NA	1538	1773	1858	1958		
	300	144A59	1672	1892	1952	NA	2142	NA	1702	1937	2022	2122		

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: ALL PRICES ARE IN US \$.

SEE OPTIONS PAGE FOR PRICES ON CLASS "H" COILS AND OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

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**BRONZE**  
**TYPE "AR" FULL PORT - NORMALLY OPEN**  
**1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 9

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price			Add to List Price		
			Standard AC Voltage*	With DP	With MS	With F Exp. Proof	ALL DC	Other AC
1/2	110	18AR42	242	412	272	74	26	20
	200	18AR32	249	419	279			
	300	18AR52	255	425	285			
	500	E33AR62	397	567	427	26		
3/4	50	18AR23	261	471	291	74	26	20
	110	18AR43						
	200	33AR33	340	550	370	90		
	300	33AR53	352	562	382	90		
	500	E133AR63	448	658	478	26		
1	50	18AR24	309	525	339	74	26	20
	110	18AR44						
	200	33AR34	393	609	423	90		
	300	33AR54	404	620	434	90		
	500	E133AR64	517	733	547	26		
1-1/4	50	18AR25	373	618	403	74	26	20
	90	18AR45						
	200	33AR35	466	711	496	90		
	300	33AR55	466	711	496	90		
	500	40AR65	781	1026	811	115	NA	
1-1/2	50	35AR26	533	813	563	90	52	20
	115	35AR46						
	200	41AR36	719	999	749	115		
	300	41AR56	767	1047	797			
	500	141AR66	947	1227	977			
2	50	36AR27	745	1095	NA	90	52	20
	100	36AR47	755	1105	NA			
	200	42AR37	1054	1404	NA	115		
	300	42AR57	1127	1477	NA			
	500	142AR67	1304	1654	NA			
2-1/2	50	43AR28	1242	1632	NA	115	52	20
	125	43AR48	1288	1678				
	200	43AR38	1390	1780	NA			
	300	143AR58	1559	1949	NA			
3	50	44AR29	1716	2186	NA	115	52	20
	100	44AR49	1785	2255				
	200	44AR39	1903	2373	NA			
	300	144AR59	2052	2522	NA			

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.  
 SEE OPTIONS PAGE FOR PRICES ON CLASS "H" COILS AND OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
 Air Freight shipment: 1 to 2 Days  
 Consult factory for same day and next day shipments.

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## BRONZE TYPE "M" - NORMALLY CLOSED 3/8" TO 3/4" PIPE SIZE

Reference Catalog 3006, Page 10

Pipe Size Inches	Max. Diff. PSI	Valve Port Size	Type No.	List Price					Add to List Price		
				Standard AC Voltage*	With MO	With FC	With MS	With DR	With F Exp. Proof	ALL DC	Other AC
3/8	25	3/8	10M21	153	203	223	183	183	74	46	20
	50	1/4	10M41		NA						
	75	3/16	10M51								
	100	5/32	10M81								
	150	1/8	10M61								
	50	3/8	25M21	228	278	298	258	258	90	46	20
	75	5/16	25M31		NA						
	100	1/4	25M41								
150	3/16	25M51									
1/2	25	3/8	10M22	164	214	234	194	194	74	46	20
	50	1/4	10M42		NA						
	75	3/16	10M52								
	100	5/32	10M82								
	150	1/8	10M62								
	50	3/8	25M22	243	293	313	273	273	90	46	20
	75	5/16	25M32		NA						
	100	1/4	25M42								
150	3/16	25M52									
3/4	15	1/2	10M13	176	226	246	206	206	74	46	20
	35	5/16	10M33								
	30	1/2	25M13	259	309	329	289	289	90	46	20
	75	5/16	25M33								

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
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**BRONZE  
TYPE "MR" - NORMALLY OPEN  
3/8" TO 3/4" PIPE SIZE**

Reference Catalog 3006, Page 11

Pipe Size Inches	Max. Diff. PSI	Valve Port Size	Type No.	List Price				Add to List Price		
				Standard AC Voltage*	With FC	With MS	With DR	With F Exp. Proof	ALL DC	Other AC
3/8	23	3/8	10MR21 †	221	291	251	251	74	46	20
	45	1/4	10MR41 †							
	70	3/16	10MR51 †							
	90	5/32	10MR81 †							
	135	1/8	10MR61 †							
	45	3/8	25MR21	301	371	331	331	90	46	20
	70	5/16	25MR31							
	90	1/4	25MR41							
	135	3/16	25MR51							
1/2	23	3/8	10MR22	233	303	263	263	74	46	20
	45	1/4	10MR42							
	70	3/16	10MR52							
	90	5/32	10MR82							
	135	1/8	10MR62							
	45	3/8	25MR22	316	386	346	346	90	46	20
	70	5/16	25MR32							
	90	1/4	25MR42							
	135	3/16	25MR52							
3/4	13	1/2	10MR13	249	319	279	279	74	46	20
	32	5/16	10MR33							
	27	1/2	25MR13	333	403	363	363	90	46	20
	70	5/16	25MR33							

† UL Listed Valves

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
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## BRONZE TYPE "S" FULL PORT - NORMALLY CLOSED 1/2" TO 3" PIPE SIZE

Reference Catalog 3006, Page 12

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price									Add to List Price	
			Standard AC Voltage*	With MO	With FC	With LV	With MS	With DR	With PD	With PS	With PSF	With F Exp. Proof	ALL DC
1/2	90	14S22 †	206	264	296	376	236	236	358	456	556	74	46
	140	114S42 †	212	270	302	382	242	242	364	462	562		
	180	129S42	283	341	373	453	313	313	435	533	633	90	
3/4	50	14S23 †	231	295	327	441	261	261	383	481	581	74	46
	110	114S43 †	237	301	333	447	267	267	389	487	587		
	180	129S43	311	375	407	521	341	341	463	561	661	90	
1	25	16S14 †	271	344	375	487	301	301	423	521	621	74	46
	50	116S24 †	279	352	383	495	309	309	431	529	629		
	90	116S44 †	286	359	390	502	316	316	438	536	636		
	180	131S44	369	442	473	585	399	399	521	619	719	90	
1-1/4	25	17S15 †	332	428	442	577	362	362	512	607	707	74	46
	50	117S25 †	339	435	449	584	369	369	519	614	714		
	140	132S45	416	512	526	661	446	446	596	691	791	90	
	180	140S45	669	765	779	914	699	699	849	944	1044	115	
1-1/2	25	35S16	460	562	590	740	490	490	640	735	835	90	70
	50	35S26	473	575	603	753	503	503	653	748	848		
	90	135S46	496	598	626	776	526	526	676	771	871		
	180	141S46	739	841	869	1019	769	769	919	1014	1114	115	
2	25	36S17	669	785	849	1019	NA	699	889	959	1059	90	70
	50	36S27	706	822	886	1056	NA	736	926	996	1096		
	115	42S47	1046	1162	1226	1396	NA	1076	1266	1336	1436	115	
	180	142S47	1089	1205	1269	1439	NA	1119	1309	1379	1479		
2-1/2	25	43S18	1222	1392	1432	1612	NA	1252	1442	1512	1612	115	70
	50	43S28	1295	1465	1505	1685	NA	1325	1515	1585	1685		
	115	43S48	1383	1553	1593	1773	NA	1413	1603	1673	1773		
	175	143S48	1472	1642	1682	1862	NA	1502	1692	1762	1862		
3	25	44S19	1559	1779	1839	2029	NA	1589	1824	1909	2009	115	70
	50	44S29	1640	1860	1920	2110	NA	1670	1905	1990	2090		
	100	44S49	1730	1950	2010	2200	NA	1760	1995	2080	2180		
	150	144S49	1820	2040	2100	2290	NA	1850	2085	2170	2270		

† UL Listed Valves

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

### QUICK DELIVERY

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

## MAGNATROL VALVE CORPORATION

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**BRONZE  
TYPE "SR" FULL PORT - NORMALLY OPEN  
1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 13

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price		Add to List Price		
			Standard AC Voltage*	With MS Mtg Stud	With F Exp. Proof	ALL DC	Other AC
1/2	90	14SR22 †	300	330	74	46	20
	140	114SR42 †	305	335			
	180	129SR42	397	427	90		
3/4	50	14SR23 †	322	352	74	46	20
	110	114SR43 †	328	358			
	180	129SR43	422	452	90		
1	25	16SR14 †	386	416	74	46	20
	50	116SR24 †	404	434			
	90	116SR44 †	417	447			
	180	131SR44	492	522	90		
1-1/4	25	17SR15 †	459	489	74	46	20
	50	117SR25 †	486	516			
	140	132SR45	600	630	90		
	180	140SR45	825	855	115	NA	
1-1/2	25	35SR16	633	663	90	70	20
	50	35SR26	663	693			
	90	135SR46	693	723			
	180	141SR46	932	962	115		
2	25	36SR17	892	NA	90	70	20
	50	36SR27	928	NA			
	115	42SR47	1304	NA	115		
	180	142SR47	1400				
2-1/2	25	43SR18	1521	NA	115	70	20
	50	43SR28	1606				
	115	43SR48	1707				
	175	143SR48	1801				
3	25	44SR19	1896	NA	115	70	20
	50	44SR29	2005				
	100	44SR49	2115				
	150	144SR49	2239				

† UL Listed Valves

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

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**BRONZE**  
**TYPE "L" FULL PORT - NORMALLY CLOSED**  
**1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 14

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price										Add to List Price	
			Std. AC Voltage*	With MO	With FC	With LV	With DP	With MS	With DR	With PD	With PS	With PSF	With F Exp. Proof	ALL DC
1/2	110	14L42	206	264	296	376	376	236	236	358	456	556	74	46
	200	14L32	216	274	306	386	386	246	246	368	466	566		
	300	29L52	287	345	377	NA	457	317	317	439	537	637	90	
	500	E29L62	343	401	433	NA	513	373	373	495	593	693	26	
3/4	50	14L23	231	295	327	441	441	261	261	383	481	581	74	46
	110	14L43												
	200	29L33	312	376	408	522	522	342	342	464	562	662	90	
	300	129L53	334	398	430	NA	544	364	364	486	584	684	26	
1	50	16L24	271	344	375	487	487	301	301	423	521	621	74	46
	110	16L44												
	200	31L34	359	432	463	575	575	389	389	511	609	709	90	
	300	131L54	367	440	471	NA	583	397	397	519	617	717	26	
1-1/4	50	17L25	332	428	442	577	577	362	362	512	607	707	74	46
	90	17L45												
	200	32L35	425	521	535	670	670	455	455	605	700	800	90	
	300	132L55	453	549	563	NA	698	483	483	633	728	828	115	
1-1/2	50	35L26	468	570	598	748	748	498	498	648	743	843	90	70
	115	35L46												
	200	41L36	684	786	814	964	964	714	714	864	959	1059	115	
	300	141L56	708	810	838	NA	988	738	738	888	983	1083	1184	
2	50	36L27	674	790	854	1024	1024	NA	704	894	964	1064	90	70
	100	36L47	717	833	897	1067	1067	747	937	1007	1107			
	200	42L37	1038	1154	1218	1388	1388	NA	1068	1258	1328	1428	115	
	300	42L57	1059	1175	1239	NA	1409	1089	1089	1279	1349	1449		
2-1/2	50	43L28	1222	1392	1432	1612	1612	NA	1252	1442	1512	1612	115	70
	125	43L48	1302	1472	1512	1692	1692	1332	1522	1592	1692			
	200	43L38	1383	1553	1593	1773	1773	1413	1603	1673	1773			
	300	143L58	1472	1642	1682	NA	1862	NA	1502	1692	1762	1862		
3	50	44L29	1559	1779	1839	2029	2029	NA	1589	1824	1909	2009	115	70
	100	44L49	1633	1853	1913	2103	2103	1663	1898	1983	2083			
	200	44L39	1730	1950	2010	2200	2200	1760	1995	2080	2180			
	300	144L59	1857	2077	2137	NA	2327	NA	1887	2122	2207	2307		

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
 SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
 Air Freight shipment: 1 to 2 Days  
 Consult factory for same day and next day shipments.

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**BRONZE  
TYPE "LR" FULL PORT - NORMALLY OPEN  
1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 15

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price		Add to List Price		
			Standard AC Voltage*	With MS Mtg Stud	With F Exp. Proof	ALL DC	Other AC
1/2	110	14LR42	301	331	74	46	20
	200	14LR32	311	341			
	300	29LR52	397	427	90		
	500	E29LR62	448	478	26		
3/4	50	14LR23	327	357	74	46	20
	110	14LR43					
	200	29LR33	422	452	90		
	300	129LR53	448	478	26		
500	E129LR63	518	548				
1	50	16LR24	386	416	74	46	20
	110	16LR44					
	200	31LR34	475	505	90		
	300	131LR54	492	522	26		
500	E131LR64	568	598				
1-1/4	50	17LR25	464	494	74	46	20
	90	17LR45					
	200	32LR35	581	611	90		
	300	132LR55	606	636	115		
500	140LR65	833	863	NA			
1-1/2	50	35LR26	647	677	90	70	20
	115	35LR46					
	200	41LR36	898	928	115		
	300	141LR56	956	986			
500	141LR66	1068	1098				
2	50	36LR27	907	NA	90	70	20
	100	36LR47	952		115		
	200	42LR37	1316	NA			
	300	42LR57	1368	NA			
500	142LR67	1511	NA				
2-1/2	50	43LR28	1521	NA	115	70	20
	125	43LR48	1622				
	200	43LR38	1723	NA			
	300	143LR58	1824				
3	50	44LR29	1972	NA	115	70	20
	100	44LR49	2052				
	200	44LR39	2130	NA			
	300	144LR59	2239				

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

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**BRONZE  
TYPE "G" FULL PORT - NORMALLY CLOSED  
1" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 16

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price									Add to List Price	
			Standard AC Voltage*	With MO	With LV	With PT	With MS	With DR	With PD	With PS	With PSF	With F Exp. Proof	ALL DC
1	20	18G24 †	196	269	412	226	226	226	348	446	546	74	26
	30	118G24	212	285	428	242	242	242	364	462	562		
	50	133G24	287	360	503	317	317	317	439	537	637	90	
1-1/4	20	18G25 †	241	337	486	271	271	271	421	516	616	74	26
	30	118G25	256	352	501	286	286	286	436	531	631		
	50	133G25	337	433	582	367	367	367	517	612	712	90	
1-1/2	15	18G26 †	306	408	586	336	336	336	486	581	681	74	52
	25	118G26	321	423	601	351	351	351	501	596	696		
	35	133G26	403	505	683	433	433	433	583	678	778	90	
2	18	33G27	480	596	830	510	NA	510	700	770	870	90	52
	30	133G27	508	624	858	538	NA	538	728	798	898		
	50	233G27	554	670	904	584	NA	584	774	844	944		
2-1/2	13	37G28	657	827	1047	687	NA	687	877	947	1047	NA	52
	25	43G28	934	1104	1324	964	NA	964	1154	1224	1324	115	
	35	143G28	963	1133	1353	993	NA	993	1183	1253	1353		
3	25	44G29	1198	1418	1668	1228	NA	1228	1463	1548	1648	115	52
	35	144G29	1236	1456	1706	1266	NA	1266	1501	1586	1686		

**BRONZE  
TYPE "GR" FULL PORT - NORMALLY OPEN  
1" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 17

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price			Add to List Price		
			Standard AC Voltage*	With PT	With MS	With F Exp. Proof	ALL DC	Other AC
1	20	18GR24 †	278	308	308	74	26	20
	35	33GR24	352	382	382	90		
1-1/4	20	18GR25 †	329	359	359	74	26	20
	35	33GR25	404	434	434	90		
1-1/2	15	18GR26 †	411	441	441	74	52	20
	25	33GR26	498	528	528	90		
2	18	33GR27	609	639	NA	90	52	20
	30	133GR27	661	691	NA	90		
2-1/2	13	37GR28	870	900	NA	NA	52	20
	25	43GR28	1141	1171	NA	115		
3	25	44GR29	1455	1485	NA	115	52	20

† UL Listed Valves

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON CLASS "H" COILS AND OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

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**BRONZE  
TYPE "D" FULL PORT - NORMALLY CLOSED  
3/8" TO 2" PIPE SIZE**

Reference Catalog 3006, Page 18

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price					Add to List Price		
			Standard AC Voltage*	With MO	With PT	With MS	With DR	With F Exp. Proof	ALL DC	Other AC
3/8	15	18D11	134	184	164	164	164	74	26	20
	30	33D11	194	244	224	224	224	90		
1/2	10	18D12	136	194	166	166	166	74	26	20
	20	33D12	196	254	226	226	226	90		
3/4	4	18D13	150	214	180	180	180	74	26	20
	7.5	33D13	215	279	245	245	245	90		
1	2	18D14	167	240	197	197	197	74	26	20
	3.5	33D14	231	304	261	261	261	90		
1-1/4	1.3	18D15	195	291	225	225	225	74	26	20
	2.3	33D15	261	357	291	291	291	90		
1-1/2	0.8	18D16	237	339	267	267	267	74	52	20
	1.5	33D16 †	299	401	329	329	329	90		
2	0.8	33D17	386	502	416	NA	416	90	52	20
	1.2	133D17 †	418	534	448		448			

† UL Listed Valves

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON CLASS "H" COILS AND OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

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## STAINLESS STEEL TYPE "K" FULL PORT - NORMALLY CLOSED 1/2" TO 3" PIPE SIZE

Reference Catalog 3006, Page 20

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price						Add to List Price			
			Std. AC Voltage*	With MO	With MS	With PD	With PS	With PSF	With F Exp. Proof	ALL DC	With F1 150# Flange	With F3 300# Flange
1/2	110	14K42	350	408	395	502	600	700	74	46	145	210
	200	14K32	382	440	427	534	632	732				
	300	29K52	521	579	566	673	771	871	90			
	500	E29K62	636	694	681	788	886	986	26			
3/4	110	14K43	420	484	465	572	670	770	74	46	145	210
	200	29K33	534	598	579	686	784	884	90			
	300	129K53	609	673	654	761	859	959	26			
	500	E129K63	750	814	795	902	1000	1100				
1	110	16K44	483	556	528	635	733	833	74	46	145	210
	200	31K34	609	682	654	761	859	959	90			
	300	131K54	667	740	712	819	917	1017	26			
	500	E131K64	826	899	871	978	1076	1176				
1-1/2	115	35K46	962	1064	1007	1142	1237	1337	90	70	145	210
	200	41K36	1257	1359	1302	1437	1532	1632	115			
	300	141K56	1295	1397	1340	1475	1570	1670				
	500	141K66	1552	NA	1597	1732	1827	1927				
2	100	36K47	1449	1565	NA	1669	1739	1839	90	70	145	210
	200	42K37	1670	1786	NA	1890	1960	2060	115			
	300	42K57	1708	1824	NA	1928	1998	2098				
	500	142K67	2096	NA	NA	2316	2386	2486				
3	100	44K49F1	3040	3260	NA	3305	3390	3490	115	70	Standard	NA
	200	44K39F1	3240	3460	NA	3505	3590	3690			NA	Standard
	300	144K59F3	3540	3760	NA	3805	3890	3990				

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

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## STAINLESS STEEL TYPE "KR" FULL PORT - NORMALLY OPEN 1/2" TO 3" PIPE SIZE

Reference Catalog 3006, Page 21

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price		Add to List Price			
			Standard AC Voltage*	With MS Mtg Stud	With F Exp. Proof	ALL DC	With F1 150# Flange	With F3 300# Flange
1/2	110	14KR42	454	499	74	46	145	210
	200	14KR32	485	530				
	300	29KR52	627	672	90			
	500	E29KR62	744	789	26			
3/4	110	14KR43	531	576	74	46	145	210
	200	29KR33	647	692	90			
	300	129KR53	725	770				
	500	E129KR63	867	912	26			
1	110	16KR44	601	646	74	46	145	210
	200	31KR34	730	775	90			
	300	131KR54	790	835				
	500	E131KR64	951	996	26			
1-1/2	115	35KR46	1120	1165	90	70	145	210
	200	41KR36	1424	1469	115			
	300	141KR56	1463	1508				
	500	141KR66	1727	1772				
2	100	36KR47	1655	NA	90	70	145	210
	200	42KR37	1881	NA	115			
	300	42KR57	1921					
	500	142KR67	2320					
3	100	44KR49F1	3740	NA	115	70	Standard	NA
	200	44KR39F1	3940	NA			NA	Standard
	300	144KR59F3	4240	NA				

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: FOR CRYOGENIC AND OXYGEN VALVES ADD TO LIST PRICE: \$35

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days  
Air Freight shipment: 1 to 2 Days  
Consult factory for same day and next day shipments.

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## STAINLESS STEEL TYPE "W" FULL PORT - NORMALLY CLOSED 1/2" TO 3" PIPE SIZE

Reference Catalog 3006, Page 22

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price						Add to List Price			
			Std. AC Voltage*	With MO	With MS	With PD	With PS	With PSF	With F Exp. Proof	ALL DC	With F1 150# Flange	With F3 300# Flange
1/2	90	14W22	350	408	395	502	600	700	74	46	145	210
	140	114W42	362	420	407	514	612	712				
	180	129W42	521	579	566	673	771	871	90			
3/4	50	14W23	420	484	465	572	670	770	74	46	145	210
	110	114W43	432	496	477	584	682	782				
	180	129W43	609	673	654	761	859	959	90			
1	25	16W14	483	556	528	635	733	833	74	46	145	210
	50	116W24	496	569	541	648	746	846				
	90	116W44	508	581	553	660	758	858				
	180	131W44	667	740	712	819	917	1017	90			
1-1/2	25	35W16	962	1064	1007	1142	1237	1337	90	70	145	210
	50	35W26	988	1090	1033	1168	1263	1363				
	90	135W46	1013	1115	1058	1193	1288	1388				
	180	141W46	1295	1397	1340	1475	1570	1670	115			
2	25	36W17	1449	1565	NA	1669	1739	1839	90	70	145	210
	50	36W27	1481	1597	NA	1701	1771	1871				
	115	42W47	1670	1786	NA	1890	1960	2060	115			
	180	142W47	1708	1824	NA	1928	1998	2098				
3	25	44W19F1	2940	3160	NA	3205	3290	3390	115	70	Standard	NA
	50	44W29F1	3140	3360	NA	3405	3490	3590				
	110	44W49F1	3240	3460	NA	3505	3590	3690				
	150	144W49F1	3440	3660	NA	3705	3790	3890				

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

### **QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

### MAGNATROL VALVE CORPORATION

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**STAINLESS STEEL  
TYPE "WR" FULL PORT - NORMALLY OPEN  
1/2" TO 3" PIPE SIZE**

Reference Catalog 3006, Page 23

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price		Add to List Price			
			Standard AC Voltage*	With MS Mtg Stud	With F Exp. Proof	ALL DC	With F1 150# Flange	With F3 300# Flange
1/2	90	14WR22	454	499	74	46	145	210
	140	114WR42	466	511				
	180	129WR42	627	672	90			
3/4	50	14WR23	531	576	74	46	145	210
	110	114WR43	543	588				
	180	129WR43	725	770	90			
1	25	16WR14	601	646	74	46	145	210
	50	116WR24	615	660				
	90	116WR44	627	672				
	180	131WR44	790	835	90			
1-1/2	25	35WR16	1120	1165	90	70	145	210
	50	35WR26	1146	1191				
	90	135WR46	1172	1217				
	180	141WR46	1463	1508	115			
2	25	36WR17	1655	NA	90	70	145	210
	50	36WR27	1688	NA				
	115	42WR47	1881	NA	115			
	180	142WR47	1921	NA	115			
3	25	44WR19F1	3540	NA	115	70	Standard	NA
	50	44WR29F1	3740	NA				
	100	44WR49F1	3940	NA				
	180	144WR49F1	4140	NA				

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz. For other AC voltages, Add to List Price: \$20

NOTE: ALL PRICES ARE IN US \$.  
SEE OPTIONS PAGE FOR PRICES ON OTHER AVAILABLE OPTIONS.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

**MAGNATROL VALVE CORPORATION**

Magnatrol Valve Corporation • P.O. Box 17 • 67 Fifth Avenue • Hawthorne • New Jersey 07507  
Info@magnatrol.com • Phone:973-427-4341 • Fax:973-427-7611 • www.magnatrol.com

## SPECIAL VALVES SANDY WELL WATER VALVES

See Technical Manual for details

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price	Add to List Price	
			Standard AC Voltage*	ALL DC	Other AC
1/2	50	18A22-V	175	26	20
	80	118A22-V	215		
3/4	50	18A23-V	200	26	20
	75	118A23-V	240		
	125	233A23-V	329		
1	50	18A24-V	240	26	20
	75	118A24-V	276		
	125	133A24-V	359		
	200	233A24-V	365		
1-1/4	50	18A25-V	301	26	20
	75	118A25-V	348		
	110	133A25-V	415		
	300	140A45-V	630		
1-1/2	50	35A26-V	450	52	20
	75	135A26-V	513		
	125	41A26-V	652		
2	30	36A17-V	662	52	20
	50	136A17-V	738		
	75	136A27-V	746		
	125	42A27-V	948		
	185	142A27-V	1079		
2-1/2	30	43A18-V	1182	52	20
	50	143A18-V	1273		
	75	243A18-V	1295		
3	30	44A19-V	1549	52	20
	50	144A19-V	1717		
	75	244A19-V	1753		

### OTHER SPECIAL VALVES (See Technical Manual for Details)

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price	Voltage / Fail Position
3/4	150	33A43-EW	285	120 V, 60 Hz / Normally Closed
1	150	33A44-EW	330	120 V, 60 Hz / Normally Closed
1-1/4	100	33A25-EW	391	120 V, 60 Hz / Normally Closed
2	100	136A27-H	731	120 V, 60 Hz / Normally Closed
1	35	33G24	286	120 V, 60 Hz / Normally Closed
1-1/4	35	33G25	322	120 V, 60 Hz / Normally Closed
1-1/2	25	33G26	407	120 V, 60 Hz / Normally Closed
1-1/4	500	E133AR65	828	24V, DC / Normally Open

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

NOTE: ALL PRICES ARE IN US \$.

#### **QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

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**SPECIAL VALVES**  
**GRITTY COOLANT VALVES**  
**Normally Closed**

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price	Add to List Price	
			Standard AC Voltage*	ALL DC	Other AC
1/2	80	MS18A42-C	228	26	20
	200	MS33A22-C	323		
	300	MS233A42-C	355		
3/4	80	MS18A43-C	253	26	20
	125	MS33A23-C	360		
	200	MS133A23-C	367		
	300	MS233A43-C	386		
1	200	MS233A24-C	412	26	20
	300	MS233A44-C	417		
1-1/4	200	MS233A25-C	613	26	20
	300	MS233A45-C	526		
1-1/2	300	MS241A46-C	838	52	20

**GRITTY COOLANT VALVES**  
**Normally Open**

Pipe Size Inches	Max. Diff. PSI	Type No.	List Price	Add to List Price	
			Standard AC Voltage*	ALL DC	Other AC
1/2	200	MS33AR42-C	998	26	20
3/4	50	MS18AR23-C	348	26	20
	110	MS233AR43-C	446		
1	110	MS33AR44-C	432	26	20
	200	MS233AR24-C	498		
	300	MS233AR44-C	499		

\* Standard AC voltages are 120, 208, 240 and 480, all 60 Hertz.

See Technical Manual for product details.

NOTE: ALL PRICES ARE IN US \$.

**QUICK DELIVERY**

Standard shipment: 3 to 7 Days

Air Freight shipment: 1 to 2 Days

Consult factory for same day and next day shipments.

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## OPTIONS / ACCESSORIES

### STRAINERS

Reference Catalog 3006, Page 19

#### STAINLESS STEEL

Pipe Size Inches	Type No.	List Price	Add For Cryogenic Service
1/2	ST2SS	200	24
3/4	ST3SS	245	
1	ST4SS	340	
1-1/2	ST6SS	565	
2	ST7SS	700	

Pipe Size	Screen Size
1/4" to 1"	60 Mesh with 0.009" openings
1-1/4" to 3"	0.020" diameter perforations

#### BRONZE

Pipe Size Inches	Type No.	List Price	Add For Cryogenic Service
1/4	ST0	60	24
3/8	ST1	65	
1/2	ST2	80	
3/4	ST3	90	
1	ST4	110	
1-1/4	ST5	195	
1-1/2	ST6	208	
2	ST7	345	
2-1/2	ST8	650	
3	ST9	1200	

#### Miscellaneous Options

Description	Add to List Price
Long Lead Wires (\$ per foot)	6
Ground Wire (not for exp.-proof)	30
CSA Modification	36
Stainless Steel (416SS) Tag	30
Bushings	18
Valve Body drilled for attachment	54
Cryogenic cleaning of parts	24

#### Coils

#### Change from Class B to Class H

Add to List Price	
Solenoid Designation, 1st 2 digits of the valve Type #	With HT suffix, High Temp. Coil
18	\$18
33 - 37	\$23
40 - 44	\$30

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#### **QUICK DELIVERY**

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## OPTIONS / ACCESSORIES

**Various options (See Technical Manual for details)**

Pipe Size	Suffix Option, Add to List Price						
	With NP Nickel Plating	With LT Leak Tight 1	With DN Din Connector	With HF Hum Free 2	With X Sealant	With ZP Zinc Plated 3	With R, Y, YZ or Z 4
1/4"	146	NA	75	75	5	30	35
3/8"							
1/2"		34					
3/4"	40						
1"		238	40	75	75	5	30
1-1/4"	285						
1-1/2"		48	75	75	5	30	35
2"	345						
2-1/2"							
3"	502						

Note 1. The Leak Tight option is available for Valve Types A, K and L up to 50 PSIG.

Note 2. For the Hum Free option, use the price for a DC valve before adding the option price. Not available as exp.-proof.

Note 3. Zinc Plated solenoid cup and base. For NEMA 4X use the "F" valve option prefix and the "ZP" option suffix.

Note 4. Options R, Y, YZ and Z are for Freon, Gaseous Oxygen, Liquid Oxygen and Cryogenic services, respectively.

### Valve Disc and Gasket Changes (See Technical Manual for details)

Pipe Size	Add to List Price							
	Teflon Valve Discs	Viton Seals						
		A / AR	W / WR S / SR	K / KR L / LR	D	G / GR	N / NR	
1/4"	NA	NA	NA	NA	NA	NA	14	
3/8"	8				28			
1/2"	8				30			23
3/4"	10	36	28	28	37	57	NA	
1"	12	45	35	35	45			
1-1/4"	16	53	37	37	53	64	71	NA
1-1/2"	22	43	43	43	57			
2"	34	48	48	48	71	83	NA	
2-1/2"	52	NA	NA	NA	NA	NA		
3"	78	105	105	105		112		

Consult factory for Buna-N seals.

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