



VALVE SELECTION CHART

Ordering Information - See Pages 32 & 33
For Optional Features - See Pages 26 & 27

VALVE SELECTION CHART

(For Fluids/Gases Not Listed And For Special Applications, Consult Factory)

Max. Temperature	Up To 212°F				Up To 400°F					
Construction	Bronze							Stainless Steel		
Valve Type	D	G/GR	N/NR	A/AR	M/MR	S/SR	L/LR	K/KR	W/WR	
Page	18	16 & 17	6 & 7	8 & 9	10 & 11	12 & 13	14 & 15	20 & 21	22 & 23	
Max. Diff. Pressure	30 PSI	50 PSI	300 PSI	500 PSI	150 PSI	180 PSI	500 PSI	500 PSI	180 PSI	
Pipe Size Inches	3/8"-2"	1"-3"	1/2"-3/4"	1/2"-3"	3/8"-3/4"	1/2"-3"	1/2"-3"	1/2"-3"	1/2"-3"	
Internal Port Size	Full	Full	Reduced	Full	Reduced	Full	Full	Full	Full	
Air	◆	◆	◆	◆	◆		◆	◆		
Brine			◆	◆	◆		◆	◆		
Gas	◆	◆		◆	◆		◆	◆		
Oil	◆		◆	◆	◆		◆	◆		
Solvents	◆	◆	◆	◆	◆		◆	◆		
Water	◆	◆	◆	◆	◆		◆	◆		
Vacuum	◆	◆	◆	◆						
Steam					◆	◆			◆	
Cryogenic					◆		◆	◆		
Oxygen, Liquid					◆		◆	◆		
Oxygen, Gaseous	◆	◆		◆			◆	◆		
Corrosive								◆		

Use the chart above to determine suitable types of Magnatrol valves for a given application.

Example: A normally closed 1/2" valve for use on 100 psi steam, there are three types suitable and the final selection can only be made after referring to Bulletins 3006-M, 3006-S and 3006-W on pages 10, 12 and 22 respectively.

Maximum Differential Pressure:

When specifying a valve, the Maximum Differential Pressure must be equal to or greater than the application. Care should be taken not to "over specify" the valve by choosing a valve with a Maximum Differential Pressure that is excessively beyond the application.

If you are unsure please consult the factory.

For Custom Engineered Valves,
 modifications to standard Magnatrol valves and valves that fall outside standard valve capabilities,
 contact Magnatrol's *Clark Cooper Division*

2-Way and 3-Way • 1/4" Thru 6"

- Pressures to 10,000
- Fluid Temperatures up to 550°F
- Dirty / Viscous & Corrosive Fluids
- Bronze, 316SS, Monel, Alloy 20 & Hastelloy
- End connections: NPT, Flange, Union, Socket Weld, Butt Weld, Pipe Nipples etc.
- Options: Remote Trip with Manual or Automatic Reset and many others

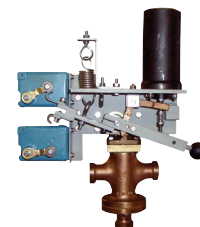
3-Valve
Manifold for
CNG Refueling



High Pressure
Cartridge Valve
10,000 PSI



3-Way Trip Valve with 2 Position
Indicating Switches
and Manual Reset



CLARK - COOPER DIV.
 855 INDUSTRIAL HIGHWAY - #4
 CINNAMINSON, NJ 08077

Phone: 856 - 829 - 4580 • Fax: 856 - 829 - 7303
 Email: techsupport@clarkcooper.com
 Web: www.clarkcooper.com

MAGNATROL VALVE CORPORATION