



VALVE SELECTION CHART

**Ordering Information - See Pages 26 & 27
For Optional Features - See Pages 24 & 25**

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	N	A	M	S	L	K	W
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"	1/4"-3/4"	1/2"-3"	3/8"-3/4"	1/2"-3"	1/2"-3"	1/2"-2"	1/2"-2"
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
- Designs for Navy and Marine Service

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



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