



## LOWFLOW VALVE PRODUCT OFFERING

**Pressure  
Regulators/  
Back  
Pressure  
Regulators**



JRPH/JRPL Piston  
Operated Pressure Regulator



Mark 708 Fractional Flow  
Control Valve

**Control  
Valves**



JRH Low Flow  
Pressure Regulator



Mark 6800HP High Pressure  
Regulating Valve



Mark 8000 Heavy Duty  
Control Valve



Mark 708MV Motor  
Control Valve



JB/JR Back Pressure  
Gas Regulator



JBPH/JRPH Piston Sensed  
Back Pressure Regulator



Mark 708HP High Pressure  
Control Valve



Mark 8000T Three Way  
Control Valve



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\*some exceptions apply\*

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## GLOBE STYLE CONTROL VALVES

**Mark 708 Control Valve**



**Mark 8000 Control Valve**



**Design Feature**

- Light / compact construction
- 304 SST cast Namur yoke
- Quick change trim in valves with  $CV \geq 0.05$
- Rolling actuator diaphragm
- Free floating plug

- Bolted body/bonnet connection
- Spring-loaded TFE/ Chevron packing
- Guided trim in valves with  $Cv \geq 0.05$

- Heavy duty bar stock construction
- Up to 2" line size
- Wide selection of body sizes and materials
- In-line maintainability

**Customer Benefit**

- Small envelope dimension and lightweight; ideal for OEMs
- Cast, Namur yoke provides flexible mounting options for accessories
- Secondary stem connection eliminates stroke adjustment when changing trim resulting in faster, easier trim changes
- Actuator design ensures effective diaphragm area remains relatively constant regardless of stem position. Delivers consistent repeatable stem movement for changing input signals
- Guided plug improves alignment and shutoff, provides better control
- Body/bonnet bolting provides solid construction and secure connection. Easier trim changes as bonnet/ actuator assembly may be removed with the valve body in-line
- Spring loaded packing maintains proper compression while minimizing excess friction. Alleviates the need for most field adjustment
- Extended orifice and plug guiding are standard and offer improved shutoff and accuracy

- High pressure capability; up to 6000 PSI in some sizes
- Steels, alloys, plastics and specialty alloys readily available; ideal for corrosive services
- Two-way in-line and angle pattern and three-way designs are available providing application flexibility
- Easy, quick trim repairs

**Applications and Variants**

- Gas separation
- Electrolysis
- Aerospace Testing
- Fuel Cell Testing
- Humidification Skids

- Blanketing
- Thermal Oxidizers
- Hydrogen Generation
- Liquefied Gases
- Gas Purification

- Sprayers/Misters
- Supercritical CO2
- Pilot Plants/ R&D Facilities
- Chromatography
- Chemical Injection/Dosing

- Catalytic Reduction
- Catalysis
- Scrubbers
- Lube Oil Skids
- Dosing