

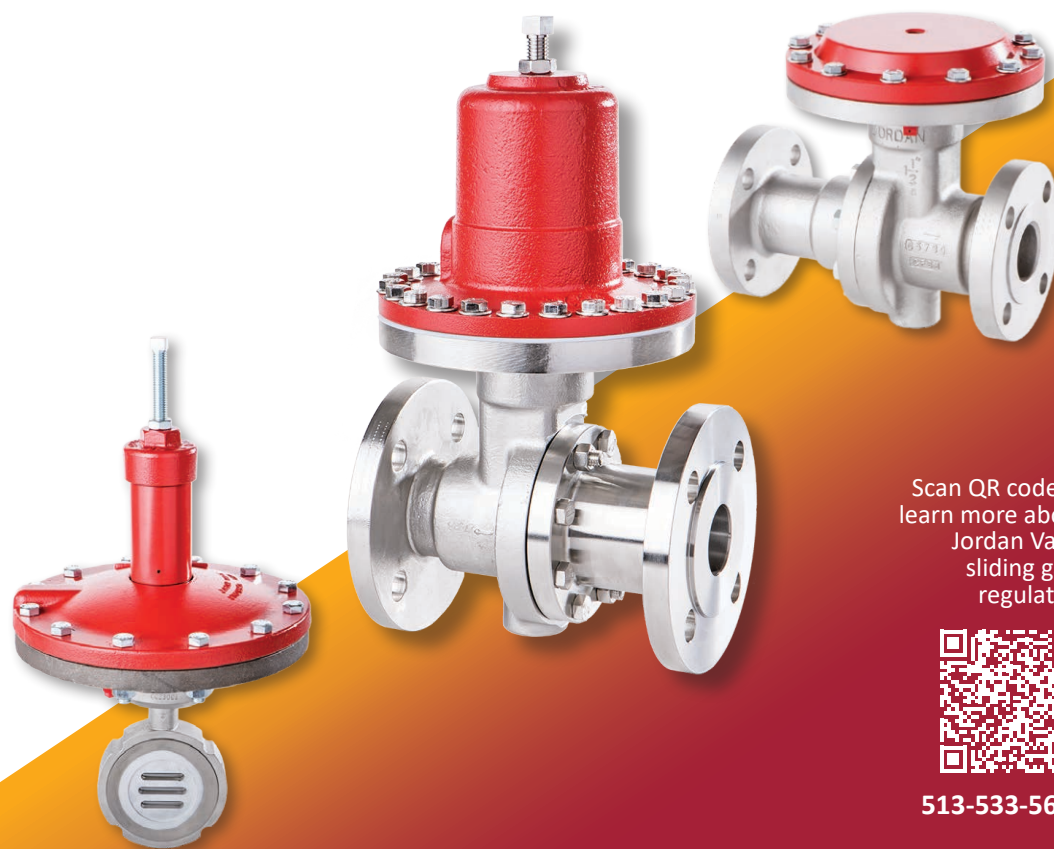
The Jorlon diaphragm, Jorcote seat and short stroke make the Jordan Valve the most accurate and longest lasting self-operated regulator available in the market

## SLIDING GATE ADVANTAGES

- **Straight through flow** reduces turbulence and wear, leading to superior trim life
- **Short stroke** gives faster response, longer diaphragm life, and less energy consumption
- **Metal-to-metal disc-plate seat** minimizes valve chatter and reduces noise
- **Sliding Gate seats** are self-cleaning and self-lapping, reducing waste and cost
- **Jorcote disc coating** has a low coefficient of friction for minimal wear and smooth action
- **Disc-plate overlap** creates an “area of closure,” not a “line of closure,” for better Class IV Shut Off.
- **Disc-plate design with multiple openings** provides more accurate control and minimal droop
- **Operating Cv = Failure Cv**

## INDUSTRY APPLICATIONS

- Tank heating
- Steam tracing
- Heat exchangers
- Air drying
- Cooling
- Utility
- Petroleum
- Refining
- Chemical
- Food & Beverage



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Jordan Valve  
sliding gate  
regulators



513-533-5600

Series	Type	Size Range	Cv	Setpoints	Shutoff Class	Key Feature / Option
<b>BACK PRESSURE REGULATORS</b>						
50	Self-Operated BPRV	1/4" - 4"	0.84 - 200	0.5 - 450 psi	ANSI Class IV	Excellent on utilities
56	Air Loaded BPRV	1/2" - 6"	2.5 - 395	1 - 500 psi	ANSI Class IV	Connect to DCS
57	Piloted BPRV	1/2" - 6"	5 - 395	20 - 185 psi	ANSI Class IV	Extremely accurate
575	Self-Operated BPRV	3" - 6"	9.5-400	4 - 30 psi	ANSI Class IV	Wafer style, larger diameter
<b>PRESSURE REGULATORS</b>						
60	Self-Operated PRV	1/4" - 4"	0.84 - 200	1 - 450 psi	ANSI Class IV	Excellent on steam, utilities
66	Air Loaded PRV	1/2" - 6"	2.5 - 395	1 - 500 psi	ANSI Class IV	Connect to DCS
67	Piloted PRV	1/2" - 6"	5 - 395	10 - 200 psi	ANSI Class IV	Extremely accurate
675	Self-Operated PRV	3" - 6"	9.5 - 400	7 - 35 psi	ANSI Class IV	Wafer style, larger diameter
<b>TEMPERATURE REGULATORS</b>						
80	Self-Operated Temperature Control	1/2" - 2"	2.5 - 70	up to 450°F	ANSI Class IV	Accurate to +/-2°F
82	Self-Operated Temperature Control	1/2" - 2"	2.5 - 30	up to 325°F	ANSI Class IV	Internal Piloted
85	Self-Operated Temperature Control	1/4" - 3/4"	0.84 - 4.4	up to 285°F	ANSI Class IV	Controlled Failure Option
86	Self-Operated Temperature Control	1/2" - 2"	2.5 - 30	up to 210°F	ANSI Class IV	Ambient temperature regulator
87	Piloted Temp Control	1/2" - 6"	5 - 395	up to 440°F	ANSI Class IV	Wide range of Cv

**Note:** Each series may have additional models or options which substantially expand the series' capabilities.  
Reduced Cv's can be used in any size valve as long as it is smaller than the standard size for the valve.