



Series 298 | Air Operated Stainless Steel Piston Valves

For Steam and Aggressive Fluid Service

Applications

- Rubber Vulcanization/Tire Presses
- Industrial Autoclaves
- Foundries
- Laundry
- Food & Beverage
- Chemical Processing

Features & Benefits

• Robust Design

- Constructed from high temperature resistant materials
- Designed to resist thermal shock (steam/cold water)
- Anti-water hammer construction
- Back pressure protection
- Bidirectional flow allows for process flexibility
- Handles aggressive media such as saturated steam, superheated water, and corrosive fluids

• High Performance

- Up to 43% higher pressure rating than competition
 - Provides superior performance on OEM equipment
- Broad ambient temperature range of -13°F to 356°F (-25°C to 180°C)
 - Well suited for indoor and outdoor applications
- TFE/P wiper seals are resistant to strong acids, bases, oils, steam, etc
 - Ideal for use in the oil and chemical processing industries

• Cost Saving

- Operator designed for low air consumption
- Compact and light weight design reduces installation cost
- Easy disassembly minimizes maintenance and cleaning cost



Specifications

Pipe Sizes (in)	Operator Diameter (mm)	Normally Closed			Normally Open			Operating Pressure Differential (psi)		Air Pilot Pressure (psi)		Max Fluid Temp (°F)
		Stainless Steel	Cv Flow		Stainless Steel	Cv Flow		Min	Max	Min	Max	
			Flow Under Seat	Flow Over Seat		Flow Under Seat	Flow Over Seat					
1/2	80	8298A001	5.8	5.1	8298A007	4.1	4	0	580	Varies with differential pressure & pipe size*	145	482
3/4	100	8298A002	9.8	8.9	8298A008	8.3	8.1					
1	100	8298A003	13.9	13.3	8298A009	12.7	12.7					
1 1/4	150	8298A004	20.8	20.8	8298A010	20.8	17.3					
1 1/2	150	8298A005	33.5	33.5	8298A011	32.6	32.6					
2	200	8298A006	66	65.9	8298A012	61.3	61.3					

*Min. piloting pressure (5-64 psi)

