

THREE-WAY DUAL SHUT-OFF VALVES

The function of a Three-Way Valve is to permit replacement of one of the Pressure Relief Devices, while the other is protecting the pressure vessel. In this way, a vessel is protected from over-pressure during servicing and removal of the Pressure Relief Valve. The system refrigerant charge is not required to replace a Pressure Relief Device.

Applications

The 92 Series Three-Way Valves are suitable for use with HCFC and HFC refrigerants and their associated oils, as well as other industrial fluids non-corrosive to brass and steel.

The 802 Series Three-Way Valves are suitable for use with ammonia, HCFC and HFC refrigerants and their associated oils, as well as other industrial fluids non-corrosive to steel.

Main Features

- NPT Connections
- Proven robust design
- Compact

Technical Specifications

92 Series

Maximum working pressure = 675 PSI (46.6 Bar)

Allowable operating temperature = -20°F to +300°F (-29°C to +149°C)

802 Series

Maximum working pressure = 450 PSI (31.0 Bar)

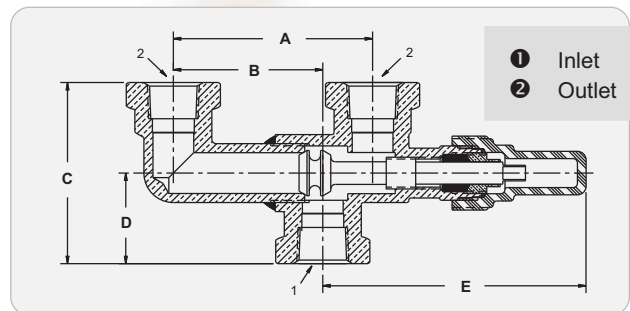
Allowable operating temperature = -20°F to +300°F (-29°C to +149°C)

Materials of Construction

The 92 and 802 series valve bodies are made from forged brass and forged steel respectively. The stem is made from hardened steel. The stem seal packing is made from graphite based material. The seal cap is made from molded plastic.

Installation - Notes

1. Assemble the Three-Way Valve to a vessel using a high strength pipe nipple.
2. The pipework must not impose loads on the valve. Loads can occur due to misalignment, thermal expansion, discharge gas thrust, etc.



92 SERIES							
Part No	NPT (inch)	Dimensions (inch)					Weight (lbs)
		A	B	C	D	E	
923	3/8	2.75	2.06	2.50	1.25	3.60	1.15
925	1/2	2.75	2.06	2.50	1.25	3.60	1.05
927	3/4	2.75	2.06	2.75	1.38	3.92	1.67

802 SERIES*							
Part No	NPT (inch)	Dimensions (inch)					Weight (lbs)
		A	B	C	D	E	
8021A	1/2	3.63	2.32	3.38	1.75	5.75	3.21
8022A	3/4	3.63	2.32	3.38	1.75	5.75	3.00
8024	1	5.82	3.70	3.88	2.00	7.68	7.87
8025	1 1/4	5.82	3.70	3.88	2.00	7.68	6.92

*Suitable for ammonia