

3-WAY DUAL SHUT-OFF VALVES



Features:

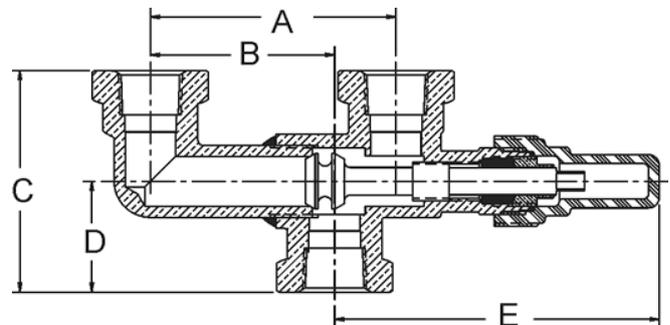
- **Bodies: 92 Series:** forged brass;
802 series: forged steel; painted
- **Maximum working pressure:** 450 PSI (31.0 Bar) Steel
 675 PSI (46.6 Bar) Brass
- **Temperature rating:**
Steel -20°F (-29°C) to +300°F (+149°C)
Brass -40°F (-40°C) to +300°F (+149°C)
- **Recommended for use** with relief valve types
- **92 series is suitable for refrigerants** and other industrial fluids non-corrosive to steel and brass
- **802 Series is suitable for refrigerants** including ammonia and other industrial fluids non-corrosive to steel

On all vessels 10 ft³ and larger when relief valves are used as the over pressure protective device, a dual relief valve assembly is required. Three-Way Dual Shut-off Valve inlets are shown at the bottom of the illustration. Tight shut-off can be obtained at either extreme of stem position, closing off either the left or right outlet port. The system should not be run with the valve stem in the center position. A dual relief valve installation consists of one three-way shut-off valve and two relief valves so arranged that both relief valves cannot be shut off from the protected pressure vessel at the same time. This permits safe removal of either relief valve for repair or replacement, while the vessel is protected and under pressure. Each relief valve must have sufficient capacity to provide the necessary discharge flow when used alone.

The design of this Three-Way Valve provides full discharge area through the valve regardless of stem position, assuring maximum protection. Furthermore, this design provides for convenient parallel mounting of the two relief valves and fulfills the requirement set forth in the ANSI/ASHRAE 15.

“No stop valve shall be located between any automatic pressure relief device or fusible plug and the part or parts of the system protected thereby, except when the parallel relief devices are so arranged that only one can be rendered inoperative at a time for test or repair purposes.”

Two three-way valves, installed in a drier bypass arrangement, permit installation or removal of service drier without air, dirt, or moisture entering line.



Catalog Number	Connection Size	Dimensions in Inches					Weight lbs.	*CV Value
		A	B	C	D	E		
923	3/8" F.P.T.	2.75	2.06	2.5	1.25	3.6	1.15	3.26
925	1/2" F.P.T.	2.75	2.06	2.5	1.25	3.6	1.05	3.29
927	3/4" F.P.T.	2.75	2.06	2.81	1.4	3.88	1.67	4.05
8021A	1/2" F.P.T.	3.63	2.31	3.88	1.75	5.75	3.21	5.56
8022A	3/4" F.P.T.	3.63	2.31	3.88	1.75	5.75	3	8.84
8024	1" F.P.T.	5.81	3.68	3.88	2	7.5	7.87	11.71
8025	1 1/4" F.P.T.	5.81	3.68	3.88	2	7.5	6.92	16.70

*GPM water at 1 psi pressure drop across valve