

V-4334

LIT-1924120

Flare Valve

Description

The V-4334 Three-Way Mixing Flare Valve accurately regulates the mixing of water at different temperatures in small room air conditioning units.

Features

- supplied with a factory installed V-3000 exposed pneumatic actuator which has a synthetic rubber diaphragm in a die cast aluminum housing
- molded diaphragm provides a constant effective area throughout the valve stroke
- actuator assembly can be removed without disturbing the remainder of the valve assembly
- completely enclosed actuator can be ordered separately for field mounting (V-3000-8003)

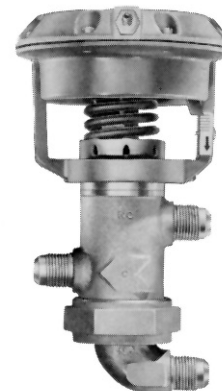
- contains two modulating plugs which provide a characterized relationship between valve lift and flow at a constant pressure drop
- bottom service connection is furnished with a 90° elbow which can be rotated to any position

Applications

Typically used when hot water is circulated during the heating cycle and cold water is circulated during the cooling cycle.

Repair Information

If the V-4334 Flare Valve fails to operate within its specifications, replace the unit. For a replacement valve, contact the nearest Johnson Controls® representative.



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Selection Charts

Code Number	Valve Size	Spring Range	Max Cv (kv)
V-4334-1001	5/8	4 to 8	4.7 (4.0)
V-4334-1002		9 to 13	

Accessories for V-4334 Flare Valves

Code Number	Description
V-3000-10	Valve Position Indicator
V-3000-8003	Enclosed V-3000 Actuator for Field Mounting
V-9502-15	Pneumatic Positioner

Technical Specifications

V-4334 Flare Valve	
Style	Cast Bronze for O.D. Tubing, S.A.E. 45° Flared Connections, 250 psig Body Rating
Valve Size	5/8 in.
Maximum Cv (kv)	4.7 (4.0)
Style	Three-Way Mixing Valve
Spring Range (Nominal)	4 to 8 psig and 9 to 13 psig
Service	Hot and Cold Water
Valve Stroke Length (Travel)	11/16 in.