

Control Valve for HW/ST

Technical Data

PRODUCT IMAGES



Three-Way Diverting Valve Piping Diagram (1 Input, 2 Outputs)

FEATURES AND KEY PRODUCT INFORMATION

- ▶ For air curtains with hot water coils
- ▶ Fast-acting, three-way hot water valve
- ▶ Fully-open/operational within four (4) seconds
- ▶ When specified, factory selected by Powered Aire to ensure maximum compatibility and performance
- ▶ Valve control preprogrammed into control panel
- ▶ Valve size determined per coil performance

SPECIFICATION INFORMATION

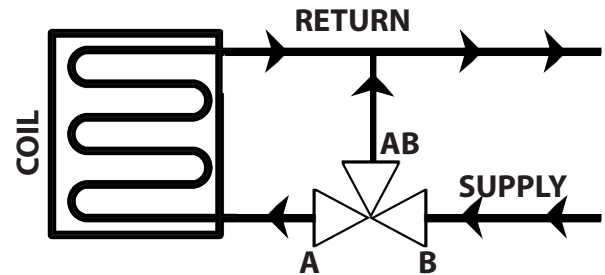
- ▶ For hot water coils, if three-way operation is desired, the bypass port will be used to bypass the coil when the valve is closed to allow the water to flow continuously so that when the valve opens, hot water is available to the coil immediately.
- ▶ If two-way operation is desired, the bypass port can be plugged. However, the water in the line may have cooled while the valve was off, causing a delay in the availability of hot water

To specify, add this note to Air Curtain Schedule:

- ▶ *Include factory provided, fast-acting Valve (hot water/steam) control valve.

DIAGRAM

Three-Way Diverting Valve Piping Diagram (1 input, 2 Outputs)



SPECIFICATIONS

Voltage AC/DC	AC/DC 24 V
Power Consumption (Running)	2.5 W
Power Consumption (Holding)	1.2 W
Power Consumption For Wire Sizing	5 VA
Control Type	MFT/Programmable
Direction Of Motion Motor	Selectable with switch 0/1
Manual Override	External push button
Angle of Rotation	90°
Running Time (Motor)	150 s / 90°
Running Time range (Motor)	35...150 s
Protection category	IP54
Degree Of Protection NEMA	NEMA 2
Enclosure Type	UL Enclosure Type 2

QUESTIONS & TECHNICAL SUPPORT AVAILABLE. CONTACT US DIRECTLY:

Phone Support
1-888-321-Aire (2473)

Email Support & Service
CustomerService@PoweredAire.com

Sales Questions
Sales@PoweredAire.com