

Honeywell: V4043B-1018/U Sweat N.O. Zone Valve



Overview

Two way on-off line voltage valves consist of an actuator motor and valve assembly for controlling the flow of hot or chilled water.

Features

- Manual opener (on all models, except straight-through, normally open valves) for valve operation on power failure; valve returns to automatic position when power is restored.
- All models may be installed without disassembling the valve.
- Compact construction for easy installation.
- Complete powerhead may be removed or replaced without breaking plumbing line connections or draining the system.
- Motor may be replaced without removing the valve body or draining the system.
- Suitable for heating and cooling applications.

Product Specifications

Application

Hydronic Control

Dimensions (in.)

4 in. high x 3 1/2 in. wide x 2 3/8 in. deep

Dimensions (mm)

102 mm high x 89 mm wide x 60 mm deep

Comments

Use this valve in closed loop hydronic systems that do not contain dissolved oxygen in system water, such as fresh water from frequent source of makeup water. Valve designed for cycling (not constantly powered on) applications.

Frequency	60 Hz	
Approvals, Underwriters Laboratories Inc.		UL Listed: File MH11826
Operating Humidity Range (% RH)		5 to 95% relative humidity, non-condensing.
Voltage	120 Vac; Power Consumption--9.6 VA	
Timing	Nominal Open--15 sec	
Ambient Temperature Range (F)	125 F Maximum	
Ambient Temperature Range (C)	52 C Maximum	
Connection Type	Sweat	
Body Pattern	Two-way, Straight-through	
Pipe Size (inch)	1/2 in.	
Pipe Size (DN)	DN15	
Current Draw	0.08A	
Fluid Temperature (C)	5 C to 93 C	
Fluid Temperature (F)	40 F to 200 F	
Max. Differential Pressure Ratings (Close-off) (psi)		20 psi
Max. Differential Pressure Ratings (Close-off) (kPa)		138 kPa
Electrical Connections (in.)	18 in. leads	
Electrical Connections (mm)	457 mm leads	
Capacity (Cv)	3.5 Cv	
Capacity (Kv)	3 Kv	
Valve Action	Spring return to open	
Valve Type	Zone Valve	
Materials (Body)	Brass	
Materials (Seat)	Brass	
Materials (Stem)	Stainless Steel	
Actuation	Two position	
De-energized Position	Normally Open	
Static Pressure Rating (psi)	125 psi	
Static Pressure Rating (kPa)	862 kPa	
Materials (Plug/Ball/Disc)	Buna-N (NBR) Rubber Ball	
Materials (Packing)	EPDM rubber	
Manual Opener	No	