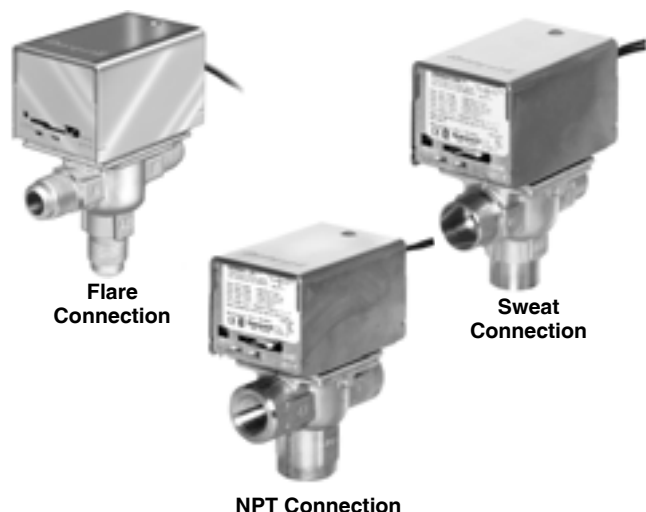


Motorized Zone Valves

V8044 Low Voltage Diverting Valves



On-off and diverting low voltage valves consist of an actuator and valve assembly for controlling the flow of hot water.

- 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.
- Actuator motor may be replaced without removing the valve body or draining the system.

Application: Hydronic Control

Type: Two position

Body Pattern: Three-way, Diverting

Valve Action: Spring Return

Voltage: 24 Vac

Frequency: 50 Hz; 60 Hz

Power Consumption: 7.7 VA

De-energized Position: Port A Normally Closed

Electrical Connections: 18 in. leads (457 mm leads)

Fluid Temperature Range: 40 F to 200 F (5 C to 93 C)

Maximum Ambient Temperature: 125 F (52 C)

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.

Materials

(Body): Brass

(Stem): Stainless Steel

(Seat): Brass

(Packing O-Ring): EPDM rubber

(Ball Plug): Buna-N (NBR) Rubber Ball

Approvals

Underwriters Laboratories, Inc: UL Listed: File MH11826

Replacement Parts:

802360JA-24V, 50/60 Hz Replacement motor for V8043, V8044 Zone Valves

802360UA-24V, 50/60 Hz Replacement motor for steam and heating Replacement Parts:

Product Number	Capacity		Pipe Size		Connection Type	Auxiliary End Switch	Maximum Close-off Pressure		Current Draw (A)	Includes	Manual Opener
	(Cv)	(Kv)	inch	DN			(psi)	(kPa)			
V8044A1002/U	4 Cv	3.4 Kv	1/2 in.	DN15	Flare	—	20 psi	138 kPa	0.32A	—	Yes
V8044A1010/U	4 Cv	3.4 Kv	1/2 in.	DN15	Sweat	—	20 psi	138 kPa	0.32A	—	Yes
V8044A1044/U	7.0 Cv	6 Kv	3/4 in.	DN20	Sweat	—	10 psi	69 kPa	0.32A	—	Yes
V8044A1051/U	4 Cv	3.4 Kv	1/2 in.	DN15	Sweat	—	20 psi	138 kPa	0.32A	Restricted 2.5 Cv bypass port.	Yes
V8044A1135/U	4 Cv	3.4 Kv	1/2 in.	DN15	NPT	—	20 psi	138 kPa	0.32A	—	Yes
V8044A1143/U	4 Cv	3.4 Kv	3/4 in.	DN20	NPT	—	20 psi	138 kPa	0.32A	—	Yes
V8044B1018/U	4 Cv	3.4 Kv	1/2 in.	DN15	Sweat	—	20 psi	138 kPa	0.32A	Integral SPDT changeover Aquastat controller	Yes
V8044E1003/U	4 Cv	3.4 Kv	1/2 in.	DN15	Sweat	N.O. SPST	20 psi	138 kPa	0.32A	—	Yes
V8044E1011/U	7.0 Cv	6 Kv	3/4 in.	DN20	Sweat	N.O. SPST	10 psi	69 kPa	0.32A	—	Yes