

Motorized Zone Valves

V4043 Line Voltage Zone Valves for Steam



Application: Steam (low pressure) Control

Type: Two position

Body Pattern: Two-way, Straight-through

Valve Action: Spring return to close

Frequency: 60 Hz

Power Consumption: 9.6 VA

Nominal Timing (sec, min): De-energized Position: Normally Closed

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

Fluid Temperature Range: 40 F to 240 F (5 C to 116 C)

Maximum Ambient Temperature: 125 F (52 C)

Materials

(Body): Brass

(Stem): Stainless Steel

Two way on-off line voltage valves consist of an actuator motor and valve assembly for controlling the flow of low pressure steam.

- 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 applications.

(Seat): Brass

(Packing O-Ring): EPDM rubber

(Ball Plug): EPDM Rubber Ball

Comments: For low pressure (15 psi) steam application

Approvals

Underwriters Laboratories, Inc: UL Listed: File MH11826

Replacement Parts:

802360LA-120V, 60 Hz Replacement motor for V4043, V4044 Zone Valves

802360MA-208V, 60 Hz Replacement motor for V4043, V4044 Zone Valves

802360NA-220V/50 Hz; 240V/60 Hz Replacement motor for V4043,

Product Number	Capacity		Pipe Size		Connection Type	Maximum Close-off Pressure		De-energized Position	Voltage	Current Draw (A)	Manual Opener
	(Cv)	(Kv)	inch	DN		(psi)	(kPa)				
V4043E1003/U	3.5 Cv	3 Kv	1/2 in.	DN15	Sweat	20 psi	138 kPa	Normally Closed	120 Vac	0.08A	Yes
V4043E1011/U	3.5 Cv	3 Kv	1/2 in.	DN15	Sweat	20 psi	138 kPa	Normally Closed	208 Vac	0.04A	Yes
V4043E1029/U	3.5 Cv	3 Kv	1/2 in.	DN15	Sweat	20 psi	138 kPa	Normally Closed	240 Vac	0.04A	Yes