



## V8043E5012

24V 3/4 INCH SWEAT  
N.C. (NORMALLY CLOSED) ZONE VALVE  
WITH REMOVABLE POWERHEAD



### Overview

Two-way ON-OFF low voltage valve that consists of an actuator and valve assembly for controlling the flow of hot water.

### Features:

- Manual opener (all models except straight-through, normally open valves) for valve operation on power failure; valve return 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.
- “Quick Fit” pushbutton powerhead makes it easy to remove for service.
- Series 5000 replacement powerhead is backward compatible with Series 1000 zone valves.
- Innovative motor technology offers silent operation, water hammer resist and longer life.

### Product Specifications

<b>Application</b>	Hydronic control. 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.
<b>Dimensions</b>	4-3/8" H x 3-1/2" W x 2-3/8" D
<b>Frequency</b>	60 Hz
<b>Operating Humidity Range</b>	5 to 95% relative humidity, non-condensing
<b>Voltage</b>	24 Vac power consumption – 7.2 VA
<b>Timing</b>	Nominal open 15 sec.
<b>Ambient Temp. Range</b>	125°F maximum (52°C maximum)
<b>Connection Type</b>	Sweat
<b>Body Pattern</b>	Two-way, straight through
<b>Pipe Size</b>	3/4"
<b>Current Draw</b>	0.32 A
<b>Fluid Temperature</b>	50°F to 200°F (10°C to 93°C)
<b>Max. Differential Pressure Rating (close off)</b>	20 PSI (138 kPa)



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**Product Specifications continued**

<b>Electrical Connections</b>	18" leads
<b>Capacity</b>	3.5 Cv (3 Kv)
<b>Valve Action</b>	Spring return to close
<b>Materials</b>	Brass body and seat, stainless steel stem, Buna-N (NBR) rubber ball, EPDM rubber packing
<b>End Switch Rating</b>	50 VA pilot duty @ 24V, 4.4 A running with 26.4 A inrush at 120V
<b>Actuation</b>	2 position
<b>De-Energized Position</b>	Normally closed
<b>Auxiliary End Switch</b>	N.O. SPST
<b>Static Pressure Rating</b>	300 PSI (2068 kPA)
<b>Opener</b>	Manual
<b>Approvals</b>	Underwriters Laboratories Inc., CSA/US: File 1322