

## Motorized Valve Actuator (MVA) Zone Valve

Submittal Information

Revision A: July 22, 2010

### Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

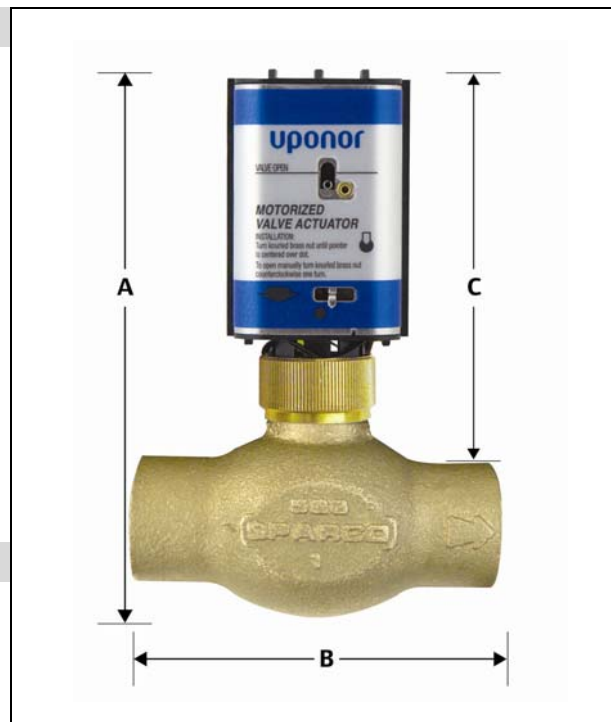
Submitted By:

Manufacturer's Representative:

Approved By:

### Technical Data

Material:	Bronze casting; Brass stainless-steel trim
Maximum Water Temperature:	240°F (115°C)
Maximum Working Pressure:	125 psi (8.6 bar)
Maximum Shut-off Pressure:	17.5 psi (1.2 bar)
Flow Coefficients:	¾" Cv — 5.8; 1" Cv — 7.0
Connections:	Sweat
Operating Voltage:	24VAC nominal
Operating Current:	0.25A
Time to Open:	10 to 12 seconds
End Switch Rating:	24VAC, 5A resistive, 3A inductive



### Product Information and Application Use

The Motorized Valve Actuator (MVA) Zone Valve features ¾" and 1" sweat connections. It provides flow control for a single-zoned manifold (manifold serving one zone), and has a built-in flow-balancing feature. Zone Valve includes end switch for activation of relay (pump), heat plant or other auxiliary devices.

✓	Description	Part Number	A	B	C	Weight
	¾" MVA Zone Valve, four-wire	A3070525	5.595"	3.28"	4.20"	1.50 lbs.
	1" MVA Zone Valve, four-wire	A3070526	5.950"	3.64"	4.30"	1.85 lbs.

### Installation

You can install the MVA Zone Valve in any position except the valve stem downwards position. Avoid installing in locations subject to vibration. Refer to the Uponor Radiant Floor Heating Installation Handbook for additional information.

### Standards

N/A

### Codes

N/A

### Listings

N/A

### Related Applications

Radiant Heating and Cooling Systems  
Snow and Ice Melting Systems  
Permafrost Protection Systems  
Turf Conditioning Systems

### Contact Information

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