

Thermal zone valves

Project Information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	Brass
End type 1	Sweat 3/4"
End type 2	Sweat 1"
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)
Operating temperature max. [°F]	248 °f
Prop 65 label required?	Yes



Product information and application use

The Uponor Thermal Zone Valve, four-wire, features 3/4" and 1" sweat connections. It provides flow control for individual terminal units or a single-zone manifold (manifold serving one zone). The Thermal Zone Valve is assembled with the 1-watt Uponor Thermal Actuator, four-wire (A3023522) which includes an end switch for activation of a relay pump, heat plant or other auxiliary devices.

Part name	Part no.	A [mm]	B [mm]	C [mm]	Weight per UOM [kg/UOM]
3/4" and 1" Thermal Zone Valve	A3011075	149.2	104.7	55.2	0.9299
1" Union Replacement Gasket	A5400012	30	30	3	0.001

Part name	Part no.	Codes	Standards	Listings
Thermal zone valves	All	-	ASSE 1016-T ASSE 1017	-

Installation

Refer to the Uponor Thermal Actuator Instruction Sheet for additional information.

Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

Notes

Connections:
 3/4" sweat; 1" sweat
 Operating voltage 24VAC nominal, 1 watt
 Time to open/close 3 to 5 minutes
 End switch rating 24VAC, 2A resistive

Footnotes

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Contact information

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