Thermal zone valves

Project information

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

Technical data

Material Brass

Product information and application use

The Uponor Thermal Zone Valve, four-wire, features ¾" 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 [inch]	B [inch]	C [inch]	Cv	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Operating temperature max. [°F]
3/4" and 1" Thermal Zone Valve	A3011075	5.874	4.122	2.173	5.3	Sweat	Sweat	73	180	200	248
1" Union Replacement Gasket	A5400012	1.181	1.181	0.118	-	-	-	-	-	-	-

Part name	Part no.	Prop 65 label required?	Weight per UOM [lbs/UOM]
3/4" and 1" Thermal Zone Valve	A3011075	Yes	2.05
1" Union Replacement Gasket	A5400012	-	0

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:
¾" 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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