Thermal mixing 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

Thermal mixing valves thermostatically control water temperatures between 104°F to 167°F (40°C to 75°C). These non-corrosive, reactive valves come with 1" sweat connections.



	Part name	Part no.	A [inch]	B [inch]	C [inch]	Cv	Subcomponent Material	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Prop 65 label required?	Weight per UOM [lbs/UOM]
	1" Thermal Mixing Valve with Union	A5402112	-	-	-	2.52	Seals: EPDM	73	180	200	Yes	2.28
✔	1" Union Replacement Gasket	A5400012	1.181	1.181	0.118	-	-	-	-	-	-	0

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

Installation

This product should be installed by qualified personnel in accordance with local codes and ordinances. It is the responsibility of the installer to properly select, install and adjust this device as specified in the instructions enclosed with the product.

Related applications

Radiant Heating and Cooling Systems

Notes

Mixed outlet temperature 104°F to 167°F (40°C to 75°C)
Working pressure: 30 to 150 psi (2 to 10 bar)
Maximum relationship between the inlet pressure: 2:1
Minimum flow rate: 1.6gpm

Footnotes

-

Contact information

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517

© 2026 Uponor North America. All Rights Reserved