

# Thermal mixing valves

## Project information

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

## Technical data

Material	Brass
Subcomponent Material	Seals: EPDM
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)
Prop 65 label required?	Yes

## 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 [mm]	B [mm]	C [mm]	Weight per UOM [kg/UOM]
1" Thermal Mixing Valve with Union	A5402112	-	-	-	1.034
1" Union Replacement Gasket	A5400012	30	30	3	0.001

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