

### Tvmix Thermostatic Mixing Valve for hot water



<b>Application</b>	the valve keeps working fluid temperature at a preset value
<b>Examples</b>	The preset temperature in the piping after a storage water heater is kept at a preset value, independently of the temperature in the storage. The desired temperature of heating water for underfloor heating is maintained.
<b>Scalding protection</b>	In case of cold water supply breakdown hot water inlet closes. This feature works from a certain temperat. difference between incoming hot water and outgoing mixed warm water.
<b>Working fluid</b>	hot water, antifreeze fluid for heating systems and heat pumps

<b>Technical data</b>	
Max. working pressure	10 bar
Working fluid temp.	5 °C to 95 °C
Temperature range	35 °C to 65 °C ± 3 °C

<b>Materials</b>	
Valve housing	brass
Valve bonnet	plastic

**Operation description**

If water temperature at valve outlet M is higher than the set value, the thermostatic insert opens the cold water inlet C so that the desired outgoing water temperature is reached after being mixed with hot water from the hot water storage (inlet H). If water temperature at valve outlet M is lower than the set value, the thermostatic insert opens the inlet H from the HW storage.

<b>Dimensions</b>		TVmix 1/2M	TVmix 3/4M	TVmix 1M	TVmix 1/2F	TVmix 3/4F	TVmix 15Cu	TVmix 22Cu
		Code	14508	14509	14510	14511	14512	14513
	A [mm]	70	70	70	70	70	86,5	85
	B [mm]	42,5	43,5	43,5	43,5	43,5	51	52
	C [mm]	99	99	99	99	99	106	106
	D [mm]	45	45	45	45	45	45	45
	Connection	G1/2" M	G3/4" M	G1" M	G1/2" F	G3/4" F	pipe 15	pipe 22
	Kvs [m <sup>3</sup> /h]	1,3	1,6	1,8	1,6	1,8	1,3	1,8
	Weight [kg]	0,4	0,5	0,5	0,5	0,5	0,5	0,6

