

# Thermostatic mixing valve TMT



Thermostatic mixing valves series TMT are designed to regulate hot water. Protect the system against too high temperature hot water which in turn protects the user from burns. Do not install this valves in solar heating systems.

## Dane techniczne:

Maximum operating temperature:	+ 85°C
Maximum temp. Output:	+ 100°C
Range:	30 ° C - 65 ° C (+/- 2 K)
Maximum operating pressure:	10 bar
Recommended operating pressure:	1 - 5 bar
Body:	brass CW617N
Spring:	INOX AISI 302

For pressures greater than 5 bar we recommend the use of a pressure reducer

Thermostatic mixing valves series TMT must be installed by a qualified installer. The manufacturer is not liable if the valves are used in the wrong way. If the thermostatic mixing valve is installed incorrectly, may pose a risk to the user and may not work correctly. During installation, please pay special attention to the correct connection of the hydraulic. In the implementation of hydraulic connections should pay particular attention to the possibility of mechanical damage to the valve body (there is too much twisting). Temperature above 50°C can cause burns. During the installation, operation or replacement of the valve, please use all safety precautions when working with high temperature water.

## INSTALLATION

The valve can be installed either horizontally which vertically - without any restrictions.

Please keep connected by indicators on the valve body.

HOT (H) red dot - Hot Water

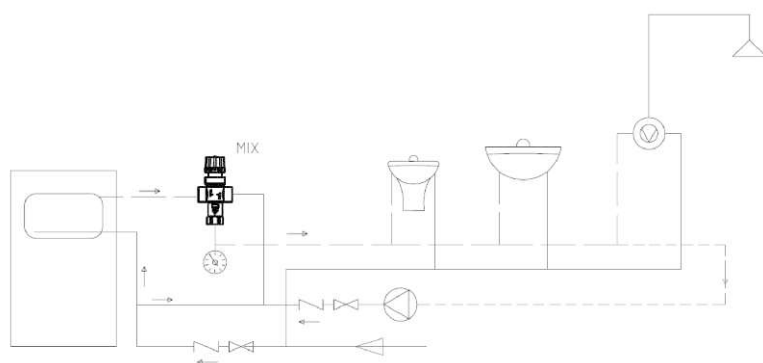
COLD (C) blue dot - Cold water

MIX - water mixed

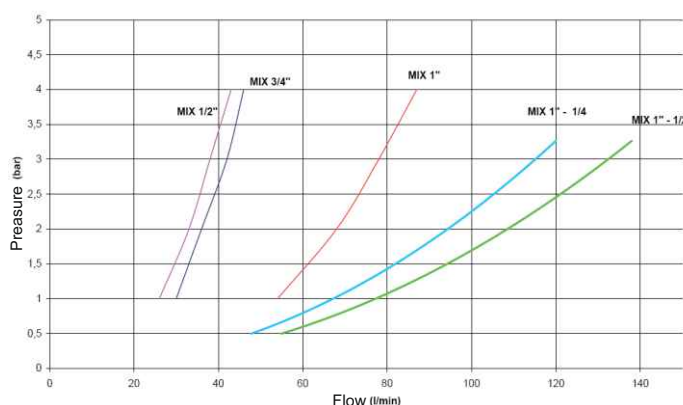
We recommend that you install the valve with filters and non-return valve.

## VALVE OPERATION

Factory valve is calibrated for temperature. Cold water - 15 St. C, the hot water temperature - 65 St. C to a pressure of 3 bar. To meet above mentioned assay conditions on the handle correspond to the appropriate temperature mixed water (see table).



Handle position	Temperature °C
MIN	-
1	30
2	38
3	42
4	52
5	65
MAX	-



MIX 1/2"	- kv = 1,6
MIX 3/4"	- kv = 1,8
MIX 1"	- kv = 3,2
MIX 1 1/4"	- kv = 4,0
MIX 1 1/2"	- kv = 4,1

Type	Connection
Thermostatic mixing valve TMT 12 F - 1/2"F	1/2" F
Thermostatic mixing valve TMT 34 F - 3/4"F	3/4" F
Thermostatic mixing valve TMT 34 M - 3/4"M	3/4" M
Thermostatic mixing valve TMT 100 F - 1"F	1" F
Thermostatic mixing valve TMT 100 M - 1"M	1" M
Thermostatic mixing valve TMT 114 M - 1 1/4"M	1 1/4" M
Thermostatic mixing valve TMT 112 M - 1 1/2"M	1 1/2" M

**TMT 12 F - 1/2"F**

