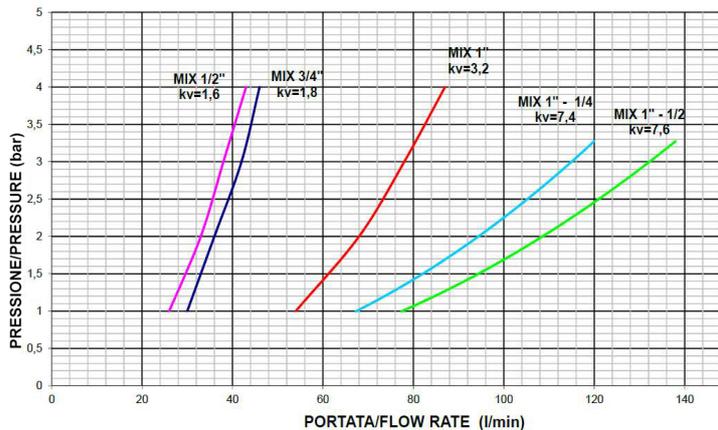
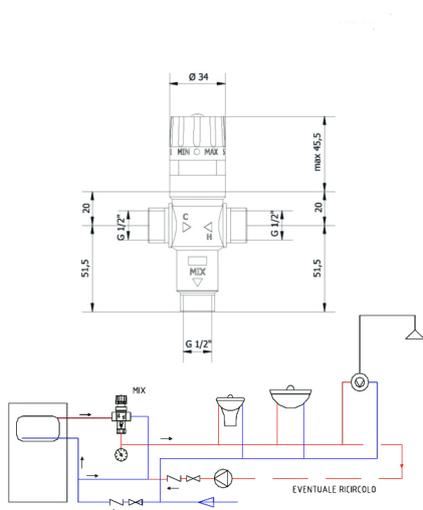


TECHNICAL DRAWING



PHOTO



**PRODUCT FAMILY:** THERMOSTATIC MIXING VALVES - MIX TECH SERIES  
**CODE:** TMT12M  
**DESCRIPTION:** 1/2" Thermostatic mixer.

**HYDRAULIC PERFORMANCES:**

Anti-Scald feature: in case of lack of cold water from the system the mixer automatically closes the hot water inlet interrupting the supply output to avoid scalds.

**APPROVALS/CERTIFICATIONS:**

TUV system certification UNI EN ISO 9001  
 Designed according to the main points of the UNI EN 1111.

**PRODUCT FEATURES:**

1/2" thermostatic mixer; its dimensions make it suitable for installations in small places. The thermostatic mixing valves regulate to a predetermined value the water temperature automatically by mixing the hot water and the cold water. It allows maximum comfort, a considerable economy of water and energy, and avoids the risk of accidental scald. Recommended in hot water distribution systems produced by boilers of all kinds, in the communities or homes bathrooms. The mixer is factory set using cold water at 15 ° C and hot water at 65 ° C at 3 bar so that the printed numbers correspond indicatively the temperatures reported in the above chart. The knob can be locked using the appropriate grain on the hood, to prevent accidental tampering. Inlets and outlets have 1/2" G male connection and seats for diam. 15 mm copper pipe.

**TECHNICAL DATA:**

Inlets: 1/2" G male  
 Outlets: 1/2" G male  
 It is possible to use diam. 15 copper pipe both at the inlets and outlets.  
 Maximum static pressure: 1.000 KPa (10 Bar)  
 Dynamic working pressure: 100÷500 KPa (1÷ 5 Bar)  
 Maximum inlet temperature : 85°C  
 Range: 30÷65°C  
 Setting accuracy: ±2 °C  
 kv: 1,6 m³/h

**FIXING/INSTALLATION:**

Follow the instructions for the connection kit:  
 HOT (H) = inlet hot water  
 COLD (C) = inlet cold water  
 MIX = outlet mixed water  
 - If pressures between cold water and hot water are considerably different from each other, we recommend to install check valves.  
 - If the water contains corpuscles we recommend to install filters.

ST_PRODOTTO: TMT12M - 1	APPROVATO R.T.
REV.03 DEL 04/09/19	



**PRODUCT LISTING:**

Body -forged, sandblasted, and nickel plated brass UNI EN 12165 CW617 N  
Shutter and internal elements: UNI EN 12164 CW617 N  
O-RING EPDM  
Thermo-sensitive wax element.  
Spring - Stainless steel AISI 302  
Knob - Nylon PA6

**TOLERANCES:****PRODUCT PACKING**

Packed according to needs  
Weight 0,42 kg (without packing)

ST_PRODOTTO: TMT12M - 1	APPROVATO R.T.
REV.03 DEL 04/09/19	

**THERMOMAT SRL**

Via M. Curie, 7 - 46034 Borgo Virgilio (Mantova) ITALY  
Tel. + 39 0376 4473  
www.thermomat.com - e-mail: info@thermomat.com

