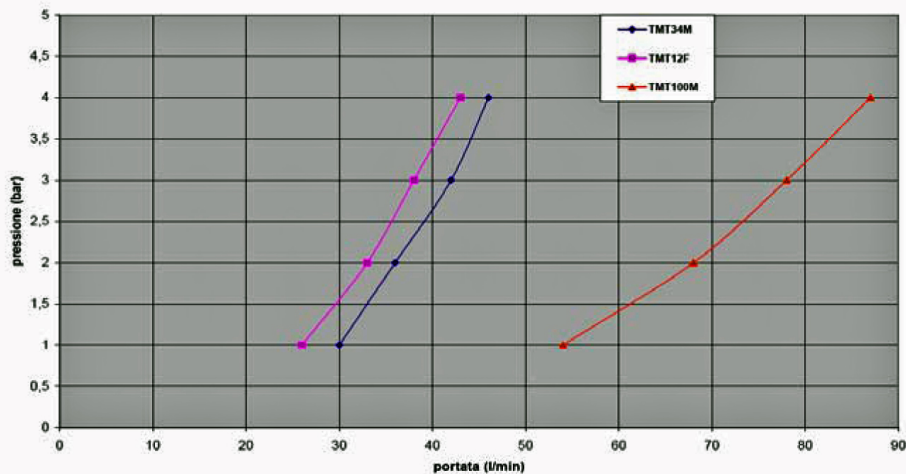
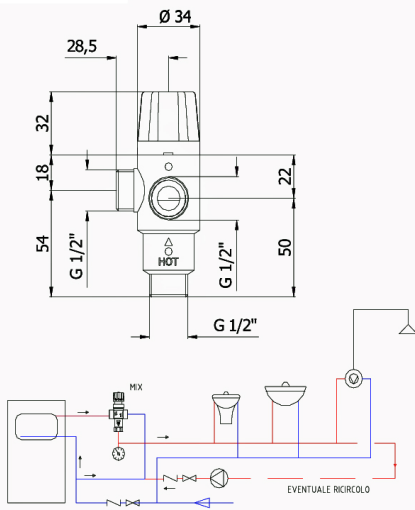


TECHNICAL DRAWING



PHOTO



**PRODUCT FAMILY:** THERMOSTATIC MIXERS – MIX SET SERIES  
**CODE:** TMTTF12MVTH  
**DESCRIPTION:** 1/2" thermostatic mixer with fixed setting and 90° off-axis inlets

**HYDRAULIC PERFORMANCES:**

See the table Pressure/Flow rate.  
 Anti-scalding function: in the event cold water not arriving from the plant the mixer automatically closes the hot water inlet interrupting the exiting flow rate in order to avoid any possible scalding.

**CERTIFICATIONS**

TUV certification UNI EN ISO 9001:2008.  
 Designed according to the main points of the UNI EN 1111

**PRODUCT FEATURES:**

Thermostatic mixers regulates at a pre-set value the water temperature automatically mixing hot and cold water. They allow the maximum of comfort, a relevant saving in water and energy, they avoid the danger of accidental scalding. Recommended for the hot water distribution plants produced by boilers of any kind, in domestic or community bathrooms. The mixer is factory set using cold water at 15°C and hot water at 65°C at 3 bar. The fixed setting mixers are used where it is necessary to prevent, most of all for safety reasons, the tampering from unauthorised people. The regulating mechanism is protected by a special anti-tampering cap. This protection can be removed only by a specific tool and, obviously, only intentionally. The standard fixed setting is done at 48°C, however the mixer can be set at any value within the range from 30 to 65°C, according to any specific request. The inlets and the outlet have a 1/2"G male connection and they are 90° one from the other to reduce any space issue.

**TECHNICAL DATA:**

Inlets: 1/2" G male Outlet: 1/2" G male  
 Minimum working pressure: 10 bar (for pressures over 5 bar mount a reducer)  
 Recommended pressure: 1±5 bar  
 Minimum pressure: 50 kPa (0,5 bar)  
 Maximum inlet temperature : 85°C  
 KV: 1,6 m3/h  
 Standard setting 48°C, upon request any setting between 30 and 65°C  
 Anti-tampering cap

**INSTALLATION:**

Absolutely respect connections:  
 HOT (H) = Hot water inlet  
 COLD (C) = Cold water inlet  
 MIX = Mixed water outlet

-If the pressures of the cold and of the hot water are relevantly different one from the other you need to install check valves on the inlets

-If the water of the supply contains corpuscles you need to install filters

ST_PRODOTTO: TMTTF12MVTH - 1	APPROVATO R.T.
REV.01 DEL 01/03/16	

The above mentioned information cannot be considered as binding. Thermomat S.r.l. reserves the right to make technical and aesthetic changes without any prior notice.

**Thermomat s.r.l.**

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**Company with Quality Management System certified according to the standard UNI EN ISO 9001:2015**

**PRODUCT LISTING:**

Printed brass body UNI EN 12165 CW617 N sandblasted and nickel plated  
Shutter and internal parts in brass UNI EN 12164 CW614 N  
O-RING NBR  
Wax thermosensitive element  
Stainless steel springs AISI 302  
Nylon handle PA6

**TOLERANCES:****PACKAGING OF THE PRODUCT:**

Package according to necessities.  
Weight: 0,30 kg (without packaging).

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