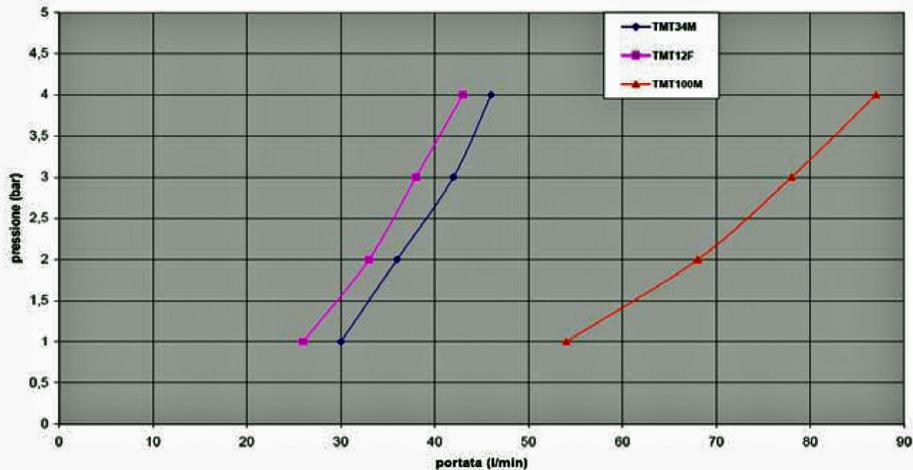
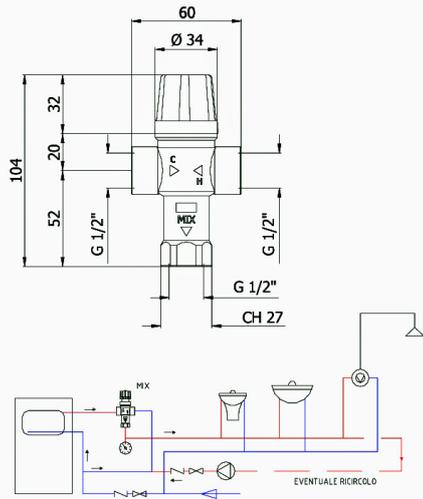


TECHNICAL DRAWING



PHOTO



PRODUCT FAMILY: THERMOSTATIC MIXERS - MIX SET SERIES

CODE: TMTTF12F

DESCRIPTION: Thermostatic mixer 1/2" fixed setting.

HYDRAULIC PERFORMANCES:

Please see the diagram pressure/flow

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

APPROVALS/CERTIFICATIONS:

Designed according to the main points of the UNI EN 1111.

TUV system certification UNI EN ISO 9001:2008.

PRODUCT FEATURES:

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.

The thermostatic mixing valves with fixed settings are recommended for safety reasons to avoid accidental tampering by unauthorized people.

The temperature setting system is protected by a special tamper proof cap.

This cap can be removed intentionally only using special tool.

The standard setting temperature is 48°C, anyway the mixer can be set at any temperature in the range 30-65 °C, according to any request.

Inlets and outlets have 1/2"G female connection.

TECHNICAL DATA:

Inlet: 1/2"G female Outlet: 1/2"G female

Maximum working pressure: 10 bar (in case of pressure higher than 5 bar we recommend to install a reducer)

Recommended pressure: 1÷5 bar

Minimum pressure: 50 kPa (0,5 bar)

Inlet maximum temperature: 85°C

KV: 1,6 m3/h

Standard setting 48°C, on request any setting between 30 and 65 °C

Anti-tampering cap.

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.

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

ST_PRODOTTO: TMTTF12F - 1

APPROVATO

R.T.

REV.01 DEL 01/03/16

THERMOMAT SRL

Via M. Curie, 7 - 46034 Borgo Virgilio (Mantova) ITALY

Tel. + 39 0376 4473

www.thermomat.com - e-mail: info@thermomat.com



PRODUCT LISTING:

Body: sandblasted forged brass UNI EN 12165 CW617N – nickel plated

Shutter and internal elements: brass UNI EN 12164 CW614 N

Spring: stainless steel iNOX AISI 302

O-ring: NBR

Knobs: ABS

Thermo-sensitive element wax

PRODUCT PACKING:

Packed according to needs

Weight 0,37 kg (without packing)

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