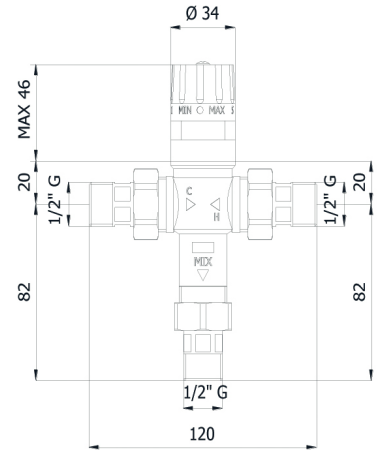
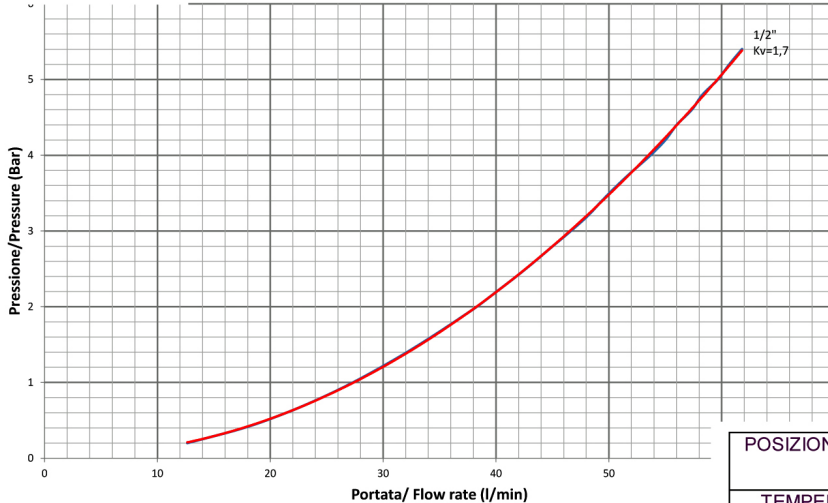


TECHNICAL DRAWING



POSIZIONE MANOPOLA	MIN	1	2	3	4	5	MAX
TEMPERATURA (°C)	-	30	38	42	52	65	-

PHOTO



PRODUCT FAMILY: THERMOSTATIC MIXER - MIX SOLAR B SERIES

CODE: TMT12MSUNK11

DESCRIPTION: 1/2" thermostatic mixer for solar panels, complete with 1/2" shanks kit and check valves.

HYDRAULIC PERFORMANCES:

Anti Scald function: in case of absence of cold water from the system, the mixer automatically closes the hot water inlet interrupting the output water supply to avoid possible burns. Designed to withstand temperature peaks over 100°C.

APPROVALS/CERTIFICATIONS:

TUV system certification UNI EN ISO 9001:2008. Designed following the main requirements of UNI EN 1111 rule.

PRODUCT FEATURES:

3/4" Thermostatic mixing valve with 1/2" shanks kit and check valves on the inlets; its reduced dimensions make it particularly suitable to be used in small spaces. The thermostatic mixing valves regulate at a preset value the water temperature, automatically mixing hot and cold water. They allow for the utmost comfort, a considerable water and energy savings and avoid the risk of accidental burns. Recommended for use in systems for the distribution of hot water, produced by water heaters of any kind, in communities and private 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 to the temperatures reported in the above shown chart. Specifically designed for installation in systems with solar panels; actually in these plants during summer and in case of little withdrawal, very high temperatures, next to 100°C, can be reached, which may also cause safety issues. The thermostatic mixing valves for solar panels ensure safety and efficiency to the system and they are designed to withstand temperature peaks of over 100°C. The knob can be locked by means of a specific grub screw on the cap to prevent accidental tampering. Copper shanks.

TECHNICAL DETAILS:

Input connections: 1/2" male (with check valves)
 Output connection: 1/2" male
 Maximum pressure (static): 1.000 kPa (10 bar)
 Working pressure (dynamic): 100÷500 KPa (1÷ 5 Bar)
 Maximum inlet temperature: 100°C
 Setting range: 30÷65 °C
 Setting accuracy: ±2 °C
 Kv: 1,7 m³/h

INSTALLATION:

Always respect the connections:
 HOT (H) = hot water inlet
 COLD (C) = cold water inlet
 MIX = mixed water outlet
 -If the water feeds contain corpuscles, filters must be mounted.

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.

ST_PRODOTTO: TMT12MSUNK11	APPROVATO - 1 R.T.
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PRODUCT COMPOSITION:

Body made of forged brass UNI EN 12165 CW617 N sandblasted and nickel-plated
Shutter and internal elements made of brass UNI EN 12164 CW614 N

O-RING - EPDM

Thermosensitive wax element

Springs - Stainless steel AISI 302

Knob - Nylon PA6

PRODUCT PACKING:

Packing according to necessity.

Weight: 0,62 kg (without packaging).

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