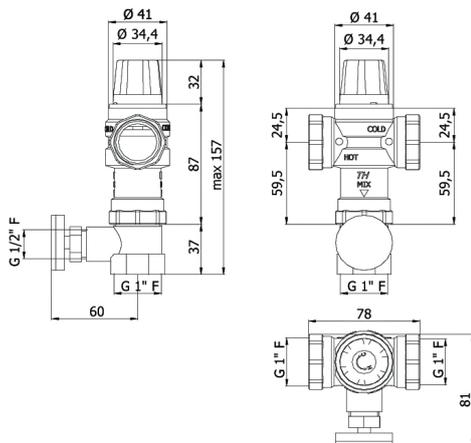
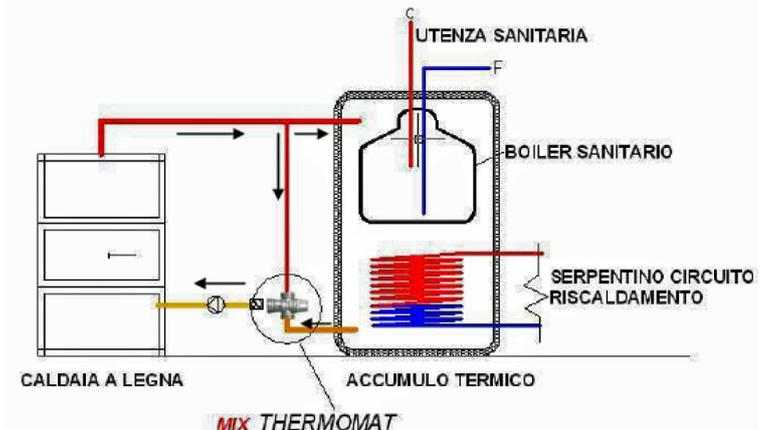


TECHNICAL DRAWING



Schema puramente illustrativo. non esecutivo: APPLICAZIONE VALVOLA TERMOSTATICA PER CALDAIA A LEGNA



PHOTO



PRODUCT FAMILY: MIX ECO
CODE: TMTTF100F60
DESCRIPTION: 1" THERMOSTATIC MIXER FOR MULTI-FUEL BOILERS

HYDRAULIC PERFORMANCES

See the chart Pressure/Water Flow.
 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.

APPROVALS/CERTIFICATIONS:

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

PRODUCT FEATURES:

The thermostatic mixing valves automatically adjust the return water temperature at a preset value on solid fuel boilers, ensuring that the temperature won't go beyond the pre-set value; this increases efficiency and prevents dangerous corrossions, thus lengthening the life of the boiler itself. It is generally installed on systems with solid fuel boilers with thermal storage (puffer) for the production of sanitary water and for heating.

STANDARD SETTING: 60°C

It is possible to factory-change the mixer setting (therefore even the return temperature to the boiler), the range is between 30°C and 60°C. It is very useful during the start-up, as it avoids dangerous thermal shocks that could damage the boiler. The temperature regularity (no leaps) provided by THERMOMAT MIX SET valve, grants a more efficient combustion and allows for a cheaper management of the boiler. THERMOMAT MIX SET valve is self-activating and does not require electric power, it can be installed both vertically and horizontally. The SET-POINT can be changed according to special needs, by acting on the screw positioned on the head (protected by a cap).

The products includes a connection featuring a thermometer for temperature control, that can be oriented according to needs.

The connection+thermometer code is KIT 8 and can be ordered separately even for other valves

TECHNICAL DETAILS:

Inputs: 1" G female
 Outputs: 1" G female
 Maximum pressure: 10 bar
 Maximum inlet temperature: 85°C
 Setting range: 30÷65 °C
 Kv: 3,2 m³/h
 Thermometer scale: 0÷120°C
 Standard setting: 60°C

PRODUCT COMPOSITION:

Mixer's body - Brass UNI EN 12165 CW617 N - sandblasted and nickel-plated
 Knob - Hostaform/ABS
 Internal elements - Brass UNI EN 12164 CW614 N
 O-RING - NBR

INSTALLATION:

Always respect the connections:
 HOT (H) = heating circuit inlet
 COLD (C) = inlet at thermal storage outlet circuit
 MIX = mixed water outlet (boiler return circuit)
 - If the pressures of hot and cold water are significantly different from each other, check valves must be installed at the inlets.
 - If the supply water contains corpuscles, filters must be mounted.

PRODUCT PACKING:

Packing according to needs.
 Weight: 0,9 kg (without packaging).

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REV.01 DEL 01/03/16	

