T-Smart Hot Water Thermostat

PRODUCT OVERVIEW

The T-Smart thermostat solution consists of 2 elements, connected by a quick fasten connection cable.

The first element is the electromechanical thermostat, which controls the heater and collects data about water temperature.

The second element is electronics with LCD TFT display 1.44'', 4 buttons, user interface, and Wi-Fi module. Collected data from the first element is being processed in the second one.

Mobile applications, as part of T-Smart solution, provide complete product functionality.

PRODUCT FEATURES

- Reliable mechanical bipolar safety cut-out
- Anti-Legionella function
- Freeze protection function
- Increased accuracy due to electronic temperature measurement
- Smart function: advanced software for heating optimization, reduces energy consumption up to 15%
- Functional temperature controlled by safety software
- ErP and Eco design compliant solution
- Remote control via Android and iOS mobile apps
- LCD display and digital control with user-friendly interface
- 5 water heater operating modes: Manual, Eco, Smart, Timer, Travel

TECHNICAL DATA

Note: This product can only be installed horiztonally.

PRODUCT SPECIFICATION	
Thermostat type	Single-phase stem / rod electronic thermostat
Rated current / Voltage	16A / 250V AC
Safety cut-out	Bipolar with bimetallic disc
Functional cut-off	Unipolar
Safety reset	Manual
Max functional temperature	Max 80°C / ± 2°C
Bimetallic disc reaction temperature	70 ± 3°C
Temperature selection range	From 10°C to Max
Thermal hysteresis	4 ± 2°C
Standard stem length	270mm
Electrical connection	Quick fasten connection 6.3x1.0 mm
Display	TFT LCD 1.44"
Display panel IP Class	IP24
External regulation	With HMI
Wi-Fi protocol	IEEE 802,11 b/g/n
Approvals	Conformity CE