

## Thermostat with display

### Description

Thermostat with display for the control of the room temperature in temperature control systems.

It has 4 capacitive keys that can be used to select the desired temperature and the various operating modes (antifreeze, thermal protection and programmed temperature); when used with fan-coils, it can manage the fan speed.

It can also be used in mixed heating/cooling systems, if the two functions are available at the same time on the same system.

A contact is also available on the back of the device, to change the operating mode of the thermostat (e.g. window contact, summer/winter switching, etc.).

It is internally equipped with a humidity probe, the measured value of which can be used for advanced applications possible thanks to the integration with third-party systems through Driver manager, item F459.

### Related items

The thermostat must be used with the following actuator devices:

F430/2 ON/OFF 2-relay actuator;

F430/4 ON/OFF 4-relay actuator;

F430R8 ON/OFF 8-relay actuator;

F430R3V10 ON/OFF 3-relay actuator with 2 x 0 – 10V outputs;

F430V10 actuator with 2 x 0 – 10V outputs.

Not compatible with the 4-to-99-zone temperature control units (L-N-NT-HC-HD-HS4695 and 3550).

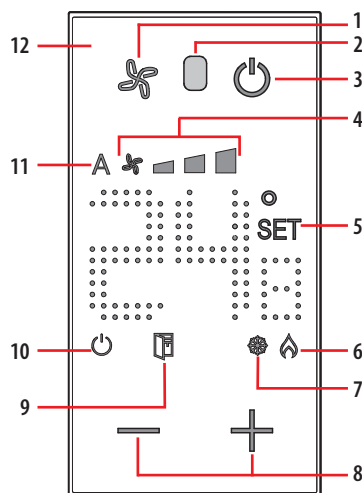
### Technical data

Power supply	18 – 27 Vdc
Absorption	60 mA max
Operating temperature	0 – 40 °C
Temperature set-point	3 – 40 °C; increase of 0.5 °C
Recommended installation height:	150 cm from the ground
Controllable loads:	On/Off, open/close, 3-point or 0 – 10V valves. 2-tube and 4-tube fan-coils with On/Off, 3-point, or 0 – 10V valves. 2-tube and 4-tube fan-coils with 0 – 10V speed control. Gateway.

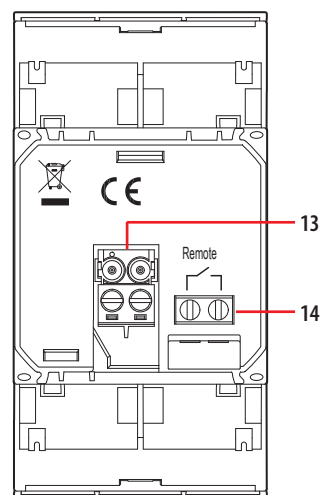
### Dimensional data

Size: 2 flush mounted modules.

Front view



Rear view



### Legend

1. Fan key: sets the speed of the FAN-COIL on three levels plus automatic.
2. Lighting sensor
3. ON / OFF key  
Touch to switch from ON to OFF and vice versa.  
*ON status:*  
system in normal mode, Set point temperature  
*OFF status:*  
System in anti-frost (7 °C) or heat-protection (35 °C) mode
4. FAN-COIL speed indicator, three levels.
5. Temperature setting indicator:  
appears when the temperature is being set
6. ON heating indicator
7. ON cooling indicator
8. Keys for temperature setting
9. Window indicator: active local contact according to the programming completed by the installer.
10. Thermostat OFF indicator (see point 3)
11. FAN COIL in automatic mode indicator.
12. Backlight display
13. SCS clamps
14. Local contact (window)

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### Configuration

The thermostat can be configured:

- Using MyHOME\_Up (firmware version 2.1 and over, App version after 2.2), with a dedicated wizard, which will take the user through the correct configuration procedure.
- Using MyHOME\_Suite (version higher than 03.03.73); for more information see the relevant documentation.

**Note:** In case of first installation, or measured temperature very different from the actual temperature, wait a few minutes before re-checking the measured room temperature.

### Functions

The functions available vary depending on the interaction mode.

Function	Thermostat	MyHOME_Up	Hotelsupervision	HOMETOUCH
Programmed temperature	YES	YES	YES	YES
Protection mode activation	YES	YES	YES	YES
Setpoint Comfort activation	NO	NO	YES	NO
Setpoint Eco activation	NO	NO	YES	NO
OFF (thermostat OFF)	NO	NO	YES	NO
Fan adjustment	YES	YES	YES	YES
Summer/winter change	NO	YES	YES	YES