



Thermostat with display

User Manual

MyHOME



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1 Thermostat with display

1.1 Features

The thermostat with display can be used to manage the temperature control system (heating or cooling) of the rooms where it is installed, and can be configured for different applications based on needs.

1.2 Which system do you have?

MyHOME temperature system with central unit (par. 3.1)

Master Probe

Thanks to the internal sensor, the thermostat can operate as master probe of a MyHOME system. In this case, it will obtain the set-points from the central unit that manages the system.

Hotel room system (par. 3.2)

Hotel thermostat

The operation in the hotel room configuration gives the customer the possibility of easily setting the temperature to the desired level of comfort. The hotel manager can integrate the individual thermostat installed in the room as part of a system that can be managed using a software for the monitoring of consumptions, therefore avoiding unwanted energy waste.

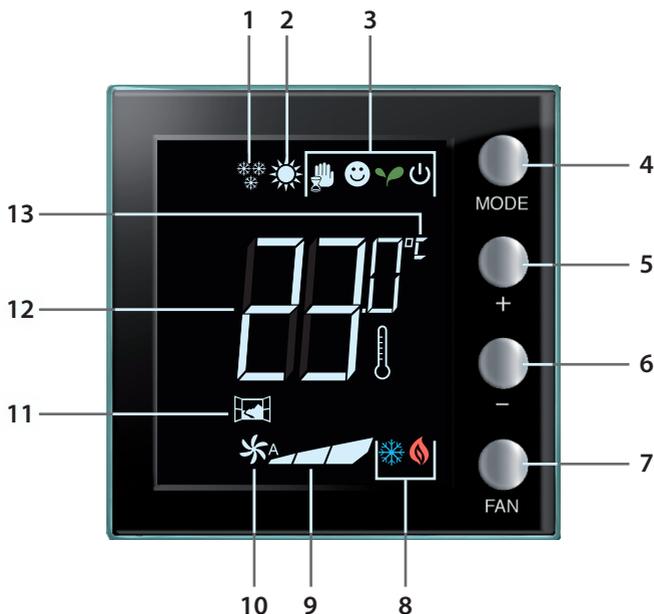
Individual residential system (par. 3.3)

Home Thermostat

The third type of use, as room thermostat, manages the temperature control of an individual system, without the need for additional control devices.

2 Description

2.1 Meaning of icons and keys



- 1 - Heating function.
- 2 - Cooling function.
- 3 - Operating mode icons (see table in paragraph 2.2).
- 4 - MODE key: a short pressure changes the mode of operation of the device; an extended pressure (unless used as MyHOME probe) changes the function an extended pressure (unless used as MyHOME probe) changes the heating/cooling function. (This function can be disabled using the MyHOME_Suite software for the hotel thermostat and residential thermostat modes).
- 5 - "+" key: increase the set value.
- 6 - "-" key: decrease the set value.
- 7 - FAN key: set the fan coil speed on 3 levels + automatic. (This function can be disabled using the MyHOME_Suite software).
- 8 - Heating/cooling on indicator (see table in paragraph 2.2).
- 9 - Fan coil speed indicator, 3 levels.
- 10 - Fan coil in automatic mode indicator.
- 11 - Window indicator: active local contact according to the programming completed by the installer.
- 12 - Measured (thermometer symbol on) / set (thermometer symbol off) temperature indicator.
- 13 - Unit of measure: °C or °F measurement unit can be modified from the user menu.

2.2 Summary of functions and operating modes

| | |
|---|--|
|  | Heating function |
| | If the measured temperature is lower than the reference value, the heating system is active and the  symbol appears. |
|  | Cooling function |
| | If the temperature measured is higher than the reference value, the cooling system is active and the  symbol appears. |
| | Automatic switching function (no icon) |
| | If the temperature exceeds certain thresholds, the heating  or the cooling  symbols can be displayed. |
|  (*) | Temporary manual mode (only MyHOME with central unit) |
| | This functions gives the possibility of temporarily switching from a set-point sent by the central unit to a custom one. The mode remains active until a new set-point is sent by the central unit. |
|  (*) | Comfort mode |
| | The system operates at the ideal set-point set in the heating and cooling functions. |
|  (*) | Eco mode |
| | The system operates at the energy saving set-point set in the heating and cooling functions. |
|  (*) | Antifreeze / Thermal protection / Off |
| | Antifreeze: minimum safety temperature. Thermal protection: maximum safety temperature. Off: zone off. |
| | Automatic Mode (*) |
| | The remote setting (control unit or supervision software) follows. In the case of MyHome systems, the icons shown with asterisks do not appear on the display when the corresponding modes are set remotely. |

NOTE: some functions, such as switching the heating/cooling, setting the comfort, eco and antifreeze/heat protection modes and automatic adjustment of the fan-coil fan may have been disabled by your installer when configuring.

NOTE: temporary display and/or deactivation 

Example: when windows are opened in the controlled zone, system operation is modified or suspended.

3 Using the thermostat

3.1 Master Sensor in MyHOME temperature-control system (with control unit)

If configured to operate only as probe part of a MyHOME temperature system, the thermostat receives the main set-points from the central unit (temperature set-point, summer/winter set-point, etc.). You can change from normal operation to Comfort, ECO or Antifreeze/Heat protection mode using the local key. With MyHOME_Suite you can disable the change mode by local key.

The setting of a manual temperature set-point is possible, but it is only temporary, as it will only last until the next set-point change sent by the central unit.

Operating mode



Press the MODE key once or more, to select the desired mode

| | Factory settings | |
|----------------------|------------------|---------|
| | Heating | Cooling |
| ☺ Comfort | 21 °C | 25 °C |
| 🌿 Eco | 18 °C | 28 °C |
| ⏻ Antifreeze | 7 °C | |
| ⏻ Thermal protection | 35 °C | |

⚠ The adjustment interval can be set from a minimum of 3° to a maximum of 40°.



The symbol of the new mode appears and the set temperature flashes (thermometer symbol off). Use + and – to change the set-point.).



After a few seconds the new set-point is saved, and the measured temperature appears (thermometer symbol on).

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Temporary manual mode



The set-point set by the central unit can be modified temporarily for the zone controlled by the thermostat. The manual set-point remains active until the central unit sends a new set-point.



Set the desired temperature using + or -; the display will show the symbol .



After a few seconds the new set-point is saved and the measured temperature appears. In this example the set temperature is higher than the measured temperature, therefore also the heating on indicator will come on .

Comfort, eco, antifreeze/thermal protection operating modes

Select one of these modes using the MODE key. The thermostat will no longer follow the settings of the central unit. The sensor mode must be set to automatic to be able to return to the control unit settings. The mode cannot be changed from the control unit or other control device. MyHOME_Suite can disable the mode key.

Fan-coil adjustment



If the thermostat manages a fan-coil type load, it is possible to adjust the fan speed using the dedicated pushbutton. With MyHome suite you can disable the automatic speed setting by local key.



Press FAN to set the fan speed at the desired level.

| | |
|--|---------------------|
| | Speed 1 |
| | Speed 2 |
| | Speed 3 |
| | Automatic operation |

Note: during the adjustment the fan symbol and the segment for the speed selected flash.

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3 Using the thermostat

3.2 Hotel Thermostat

This paragraph describes the use of the thermostat in a hotel room.

Temperature adjustment



Use + and - to change the current temperature set-point.

| | Factory settings | |
|---------------------|------------------|-----------|
| | Heating | Cooling |
| Adjustment interval | 3 - 40 °C | 3 - 40 °C |



Once the desired value has been set, wait a few seconds to save the new set-point.



The temperature measured will appear.

Antifreeze or Thermal Protection



To switch from normal operation to Antifreeze (or thermal protection) press the **MODE** key.



The display shows the **U** symbol and the value set:
7 °C if heating is on;
35 °C if cooling is on.



After a few seconds the new set-point is saved and the measured temperature appears.
To return to normal operation press **MODE** again.

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Switching from heating / cooling function



7 seconds

To change from the heating function to the cooling function and viceversa keep the **MODE** key pressed for at least 7 seconds.



The change of function is indicated by the corresponding icon ☀ appearing on the display.



 This operation may have been disabled during installation.

If this operation is repeated, the system keeps switching between the two functions. Depending on the type of system, the operation may cause the switch from heating function to cooling function, and to automatic switching.

Fan-coil adjustment



If the thermostat manages a fan-coil type load, it is possible to adjust the fan speed using the dedicated pushbutton. With MyHome suite you can disable the automatic speed setting by local key.



Press **FAN** to set the fan speed at the desired level.

| | |
|---|---------------------|
|  | Speed 1 |
|  | Speed 2 |
|  | Speed 3 |
|  | Automatic operation |

Note: during the adjustment the fan symbol and the segment for the speed selected flash.

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3 Using the thermostat

3.3 Home Thermostat

The thermostat can be used in the residential sector for the management of a single system.

Temperature adjustment



Use + or - to adjust the current temperature set-point.

| | Factory settings | |
|---------------------|------------------|-----------|
| | Heating | Cooling |
| Adjustment interval | 3 – 40 °C | 3 – 40 °C |



Once the desired value has been set, wait a few seconds for the new set-point to be saved.



The value of the measured temperature will then appear.

Operating modes



Press the **MODE** key once or more to select the mode required.

| | Factory settings | |
|----------------------|------------------|---------|
| | Heating | Cooling |
| ☺ Comfort | 21 °C | 25 °C |
| 🌿 Eco | 18 °C | 28 °C |
| ⏻ Antifreeze | 7 °C | |
| ⏻ Thermal protection | | 35 °C |



The symbol of the new mode appears and the set temperature flashes (thermometer symbol off). Use **+** and **-** to change the set-point.



After a few seconds, the new set-point is saved and the measured temperature appears (thermometer symbol on).

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3 Using the thermostat

Switching from heating / cooling function



7 seconds

To change from the heating function to the cooling function and viceversa keep the **MODE** key pressed for at least 7 seconds.



The display shows the set-point set for the heating or cooling function.



The change of function is indicated by the corresponding icon appearing on the display.

If this operation is repeated, the system keep switching between the two functions. Depending on the type of system, the operation may cause the switch from heating function to cooling function, and to automatic switching.

Fan-coil adjustment



If the thermostat manages a fan-coil type load, it is possible to adjust the fan speed using the dedicated pushbutton.



Press **FAN** to set the fan speed at the desired level.

| | |
|--|---------------------|
| | Speed 1 |
| | Speed 2 |
| | Speed 3 |
| | Automatic operation |

Note: during the adjustment the fan symbol and the segment for the speed selected flash.

3.4 Brightness adjustment



The display brightness can be adjusted on 10 levels. Press the FAN key for at least 7 seconds.



The current brightness level appears on the display. Use the + and - keys to increase or decrease the brightness.



Press the FAN key twice to confirm and quit the function.

NOTE: the user setting procedure can be disabled using the software.

3.5 Setting the temperature measurement unit



You can select setting the device on the temperature scale expressed in degrees °C or °F.

Press the FAN key for at least 7 seconds.



Press the FAN key again.

The current measurement unit appears on the display.

Use the + and – keys to change from one measurement unit to the other.



Press the FAN key to confirm and quit the function.

NOTE: the user setting procedure can be disabled using the MyHomeSuite software.

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4 Maintenance

4.1 In case of error

The “Er” symbol followed by a number on the display indicates an error condition of the thermostat. In this case refer to the installer manual, or contact a trusted technician.

Below is an example of an error screen.



NOTE: if ER4 or a temperature very different from the one felt are displayed, or after the first installation, wait at least 5 hours before checking the operation again. If the problem continues, contact a trusted technician.

Some of the functions described in this manual and which can be configured by the MyHomeSuite software are available with the new Thermostat version, from week 20W16; the details are below:

- colour icons;
- local contact status icon;
- the fan-coil ventilation can be set to always active;
- fan-coil icon flashing during speed adjustment;
- display backlighting adjustment;
- Setting the temperature measurement unit by local keys.

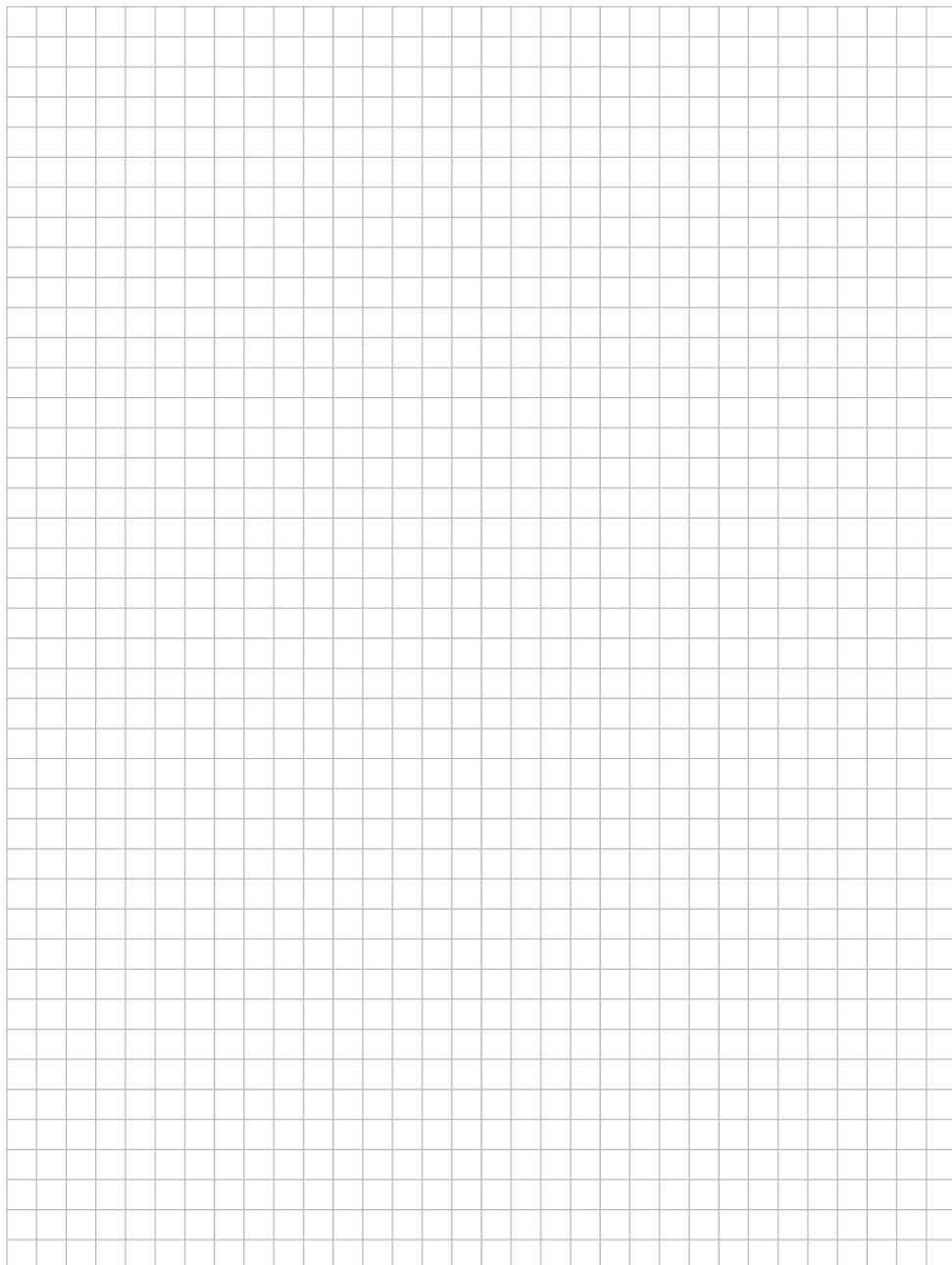


The guarantee is automatically void in case of negligence, improper use, tampering by unauthorised personnel.

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Notes



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