

# MyHOME

## Thermostat with display

*User Manual*



# Thermostat with display

User Manual

MyHOME



## Contents

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<b>1 Thermostat with display</b>	<b>4</b>
1.1 Features	4
1.2 Which system do you have?	4
<b>2 Description</b>	<b>5</b>
2.1 Meaning of icons and keys	5
2.2 Summary of functions and operating modes	6
<b>3 Using the thermostat</b>	<b>7</b>
3.1 MyHOME temperature control system probe (with central unit)	7
3.2 Hotel room thermostat	10
3.3 Individual residential system	14
<b>4 Maintenance</b>	<b>18</b>
4.1 In case of error	18

# Thermostat with display

*User Manual*

## 1 Thermostat with display

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### 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)**

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)**

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.

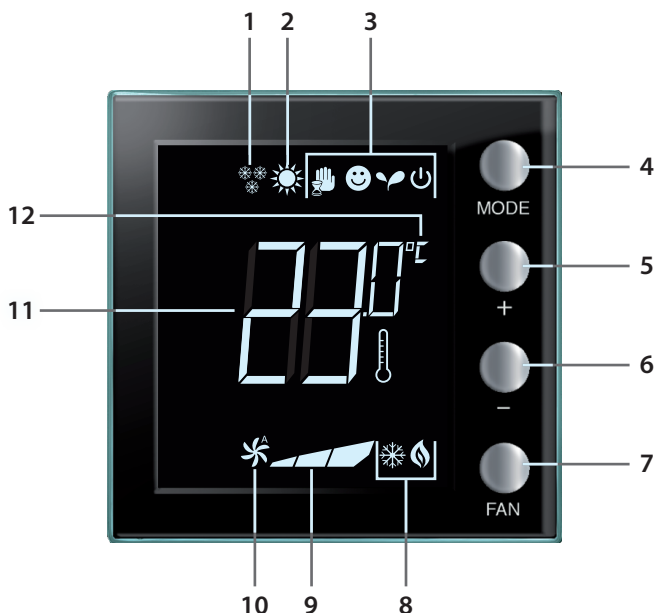
#### **Individual residential system (par. 3.3)**

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











*User Manual*

### 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.
- 5 - "+" key: increase the set value.
- 6 - "-" key: decrease the set value.
- 7 - FAN key: set the fan coil speed on 3 levels + automatic.
- 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 - Measured (thermometer symbol on) / set (thermometer symbol off) temperature indicator.
- 12 - Unit of measure: °C or °F.

## 2.2 Summary of functions and operating modes

	<p><b>Heating function</b></p> <p>If the measured temperature is lower than the reference value, the heating system is active and the  symbol appears.</p>
	<p><b>Cooling function</b></p> <p>If the temperature measured is higher than the reference value, the cooling system is active and the  symbol appears.</p>
	<p><b>Automatic switching function (no icon)</b></p> <p>If the temperature exceeds certain thresholds, the heating  or the cooling  symbols can be displayed.</p>
	<p><b>Temporary manual mode (only MyHOME with central unit)</b></p> <p>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.</p>
	<p><b>Comfort mode</b></p> <p>The system operates at the ideal set-point set in the heating and cooling functions.</p>
	<p><b>Eco mode</b></p> <p>The system operates at the energy saving set-point set in the heating and cooling functions.</p>
	<p><b>Antifreeze / Thermal protection / Off</b></p> <p>Antifreeze: minimum safety temperature. Thermal protection: maximum safety temperature. Off: zone off (MyHOME systems only).</p>
	<p><b>Automatic Mode</b></p> <p>Follows the remote set-point (central unit or supervision software).</p>

3 Using the thermostat

3.1 MyHOME temperature control system probe (with central 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.). However, it is locally still possible to switch from normal mode to Comfort, ECO, Antifreeze/Thermal protection modes.

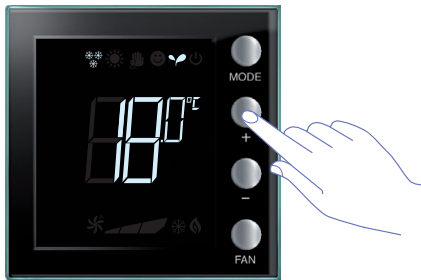
The setting of a manual temperature set-point is possible, but it is only temporary, as it will only last until the next set-point change sent by the central unit.

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 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).

# Thermostat with display

User Manual


## 3 Using the thermostat

### 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 .



3 Using the thermostat

User Manual

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. To return to the settings of the central unit, automatic mode must be set (always using 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.



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

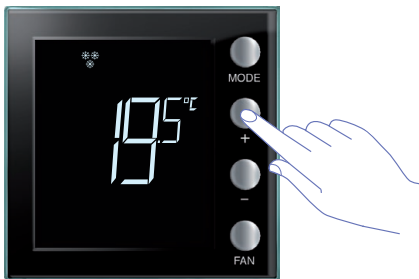
	Speed 1
	Speed 2
	Speed 3
	Automatic operation

# Thermostat with display

## 3.2 Hotel room 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	14 – 26 °C	20 – 32 °C



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



The temperature measured will appear.

### 3 Using the thermostat


*User Manual*

#### Antifreeze or Thermal Protection



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



The display shows the  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.

# Thermostat with display

User Manual

## 3 Using the thermostat

### Switching from heating / cooling function



7 seconds

To switch from heating to cooling and vice versa press **MODE** for more than 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.

3 Using the thermostat

User Manual

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

# Thermostat with display

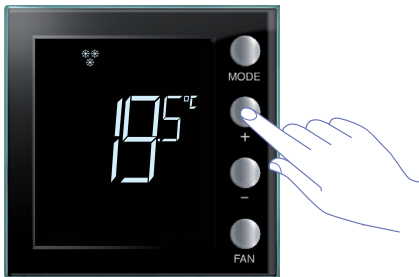
User Manual

## 3 Using the thermostat

### 3.3 Individual residential system

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	14 – 26 °C	20 – 32 °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 **MODE** 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 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).

# Thermostat with display

User Manual

## 3 Using the thermostat

### Switching from heating / cooling function



7 seconds

To switch from heating to cooling, and vice versa, press **MODE** for more than 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.



3 Using the thermostat

User Manual

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

### 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.



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

Legrand SNC  
128, av. du Maréchal-de-Lattre-de-Tassigny  
87045 Limoges Cedex - France  
[www.legrand.com](http://www.legrand.com)

BTicino SpA  
Viale Borri, 231  
21100 Varese - Italy  
[www.bticino.com](http://www.bticino.com)