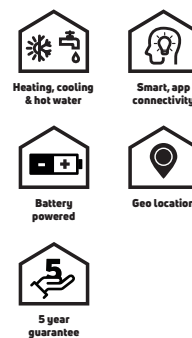




Installation and user manual

Unisenza Plus - Thermostat

EN



| Release | Date |
|---------------|-------------|
| First release | August 2023 |
| | |
| | |



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1 SAFETY WARNINGS

Pictograms used in this manual

To make reading clearer and more enjoyable, three types of symbols have been used in this manual to convey to the reader the meaning or importance of the information provided:



Hazard signs. Triangular framed shape. Indicate prescriptions relating to present or possible dangers.



Prohibition signs. Circular, barred frame. Indicate prescriptions relating to actions that must be avoided.



Mandatory signs. Full circle. Indicate information that is important to read and comply with.

Purpose of the manual

The purpose of this manual is to guide the qualified installer the installation, maintenance and proper and safe use of the equipment.



For this reason, it is mandatory for all personnel involved in the installation, maintenance and use of the equipment to read this manual.

Contact the Manufacturer if any points are unclear or difficult to understand.

This manual contains information regarding:

- Technical specifications of the equipment;
- Installation and connection instructions.

Intended use

The **Unisenza Plus Thermostat** is a **wireless room thermostat** with **Zigbee 3.0**. It offers two channels control outputs through the **Zigbee wireless** communications. The first channel can be used for programmable room temperature controls and the second channel is designed for a timer control of domestic hot water on/off.

Its features are:

- Large LCD display with backlight
- Have pairing features with compatible Unisenza Plus Receiver and Unisenza PLUS Electronic Thermostatic Head
- Support Heating, Cooling and Domestic Hot Water timer control (S-Plan, Y-Plan)

- Operation modes include Schedule, Manual, Temporary override, Boost, Holiday and Off with frost protection
- 7-day, 5/2-day or single-day programming options
- Optimum start/stop control strategies for energy efficiency
- Selectable TPI or Span control algorithm
- 2xAA batteries operated (batteries included)
- Two time channels for independent control of Heating/Cooling and/or Hot Water
- Zigbee and App controlled

Safety regulations

Before proceeding with any installation or use, it is necessary to thoroughly inspect the product. Make sure that all the information contained in this manual correspond exactly to the purchased equipment. In the event that differences are identified, it is necessary to contact the Manufacturer in order to obtain the assistance and specific technical information necessary to operate.



Read this manual carefully before the installation, use and maintenance of the product and keep it for any further future consultation by the various operators.



All installation, assembly, electrical connections to the mains and ordinary/extraordinary maintenance must be performed **only by qualified personnel or technicians complying with the legal requirements.**

Installation, use or maintenance other than those specified in the manual may cause damage, injury or death, invalidate the warranty and relieve the Manufacturer of all liability.

Disconnect the equipment from the mains before installing or maintaining it.

Do not install the equipment outdoors. The product has been designed to be installed indoors, protected from bad weather, in places where the temperature is between 0 and +50 °C.

At the end of the installation it is necessary to instruct the user in the correct use of the equipment.

2 TECHNICAL DATA

Unisenza Plus Thermostat

| | |
|----------------------------------|---|
| Temperature Scale | °C or °F |
| Temperature Display Range | 0°C - 45°C |
| Temperature Display Resolution | 0.1°C or 0.5°C |
| Temperature Setting Range | 5°C - 37°C |
| Temperature Setting Resolution | 0.5°C |
| Temperature Measurement Accuracy | +/-0.5°C @ 0-40°C, +/-1.0°C other range |
| Firmware update | Over the air firmware update capability |
| Wireless Communication | Zigbee 3.0, 2.4GHz |
| Transmission Power | Zigbee: max 10 dbm |
| Power Supply | 2 x AA-sized Alkaline Batteries |
| Operating Environment | Indoor, residential & commercial |
| Operating Temperature | 0°C – 50°C |
| Storage Temperature | -20°C – 60°C |
| Operating/Storage Humidity | 5-95% RH, non-condensing |
| Dimensions | 119(W) x 97(D) x 28(H) mm |
| Ingress Protection Rating | IP30 |
| Regulation | CE, UKCA |
| Environmental Requirement | RoHS compliance |

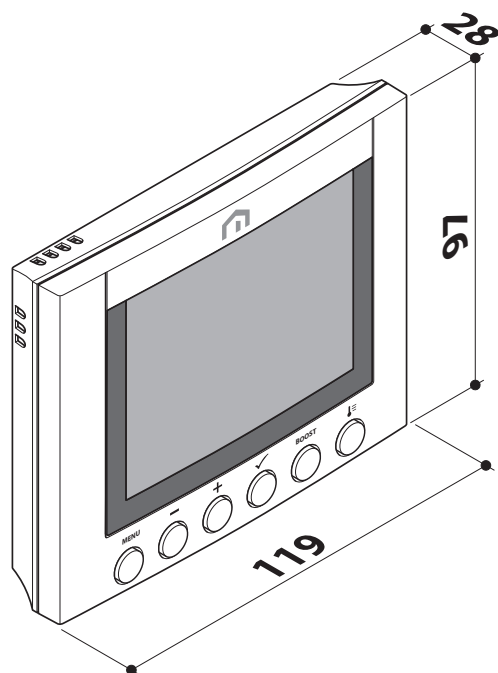
The **Unisenza Plus Thermostat** complies with the following European directives:

- RED directive 2014/53/EU
- ROHS directive 2011/65/EU
- REACH (EC 1907/2006)

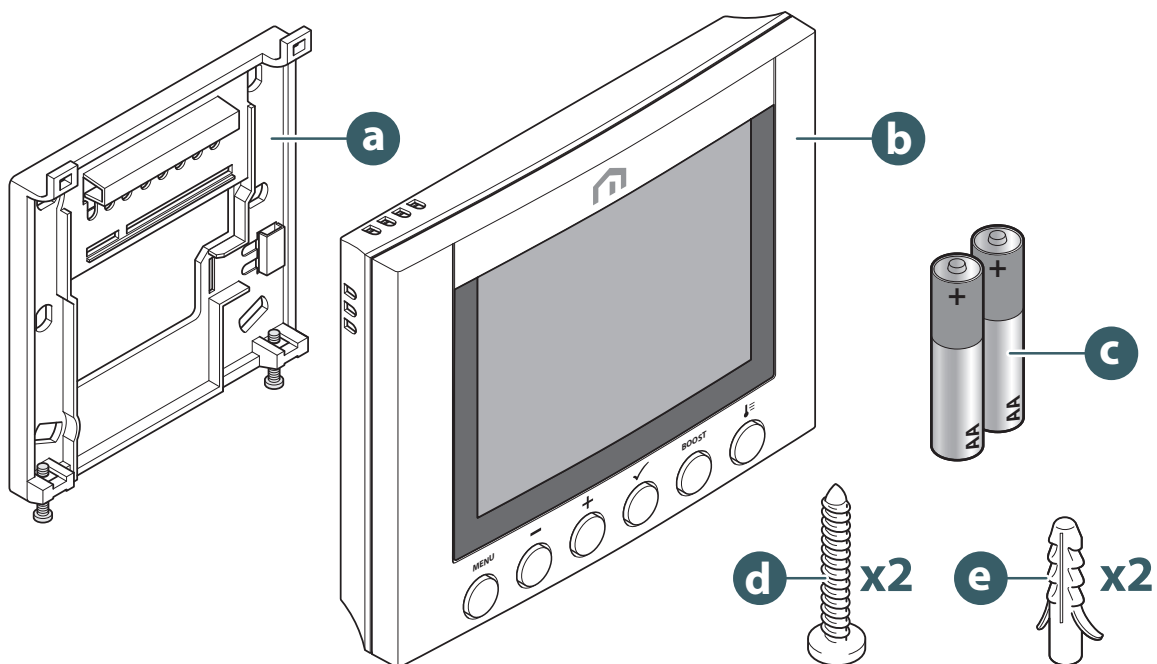
The **Unisenza Plus Thermostat** complies with the relevant UK Statutory Instruments:

- Electrical Equipment (Safety) Regulations 2016
- Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012/3032)
- REACH ETC. (Amendment etc.) Regulations 2020 - SVHC

3 DIMENSIONS



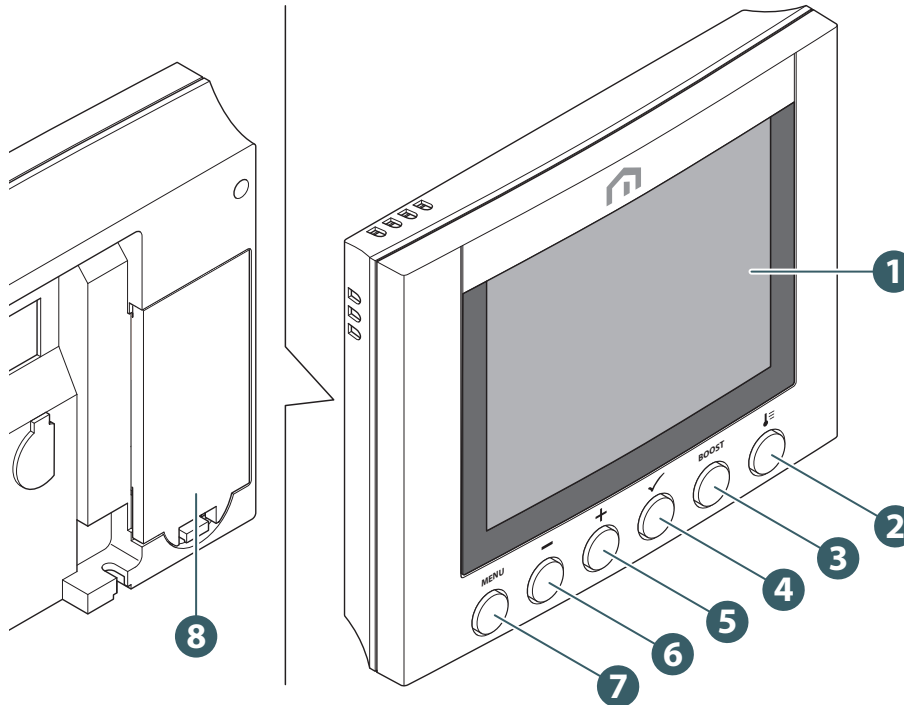
4 PACK CONTENTS



- a. Wall mount bracket
- b. Unisenza Plus Thermostat
- c. 2 x AA-sized Alkaline Batteries
- d. Plate fixing screw
- e. Fixing wall plug for plate fixing

5 OVERVIEW

Unisenza Plus Thermostat

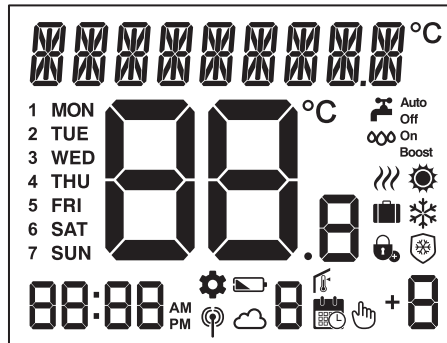


1. Display LCD
2. Operation mode button
3. Boost button
4. Confirm button
5. Button +
6. Button -
7. Menu / Back button
8. Battery compartment






Button usage

| Button | Function |
|------------------------------|---|
| Menu / Back button | In Main screen: press to go to menu. In Menu: press to go back to main screen or previous menu, press and hold to go to main screen without saving the settings at any time. |
| Button - | Decrease parameter value / Moving on the menu in down direction. |
| Button + | Increase parameters value / Moving on the menu in up direction. |
| Buttons + and - | Long press Up and Down buttons for 4 sec – lock or unlock the thermostat. |
| Confirm button | Confirm Value / Go to next menu / Save settings. In menu: press and hold for 4 sec to go back to main screen with saving the settings at any time. |
| Boost button | Activate/Deactivate Boost (For Heating Only) with max. +9 hr Boost. |
| Operation mode button | Switch between Permanent Hold and Schedule. |





Display icons



| Icon | Description |
|------|---|
| | Text Bar (9 digits) |
| | Time |
| | Room Temperature/Set point |
| | Day of the Week (numeric or alphabetic display defined in settings) |
| | Demand Active (Heat / Cool) |
| | Schedule mode - Schedule mode icon with program number |
| | Temporary Override |
| | Permanent Hold |
| | Boost mode under schedule +Hr |
| | Heat Mode |
| | Cool Mode |
| | Off Mode |
| | Holiday mode |
| | Lock |
| | Hot Water mode indicator |
| | Hot Water Demand Active |

| | |
|---|---|
| <p>Auto Off On Boost</p> | Hot Water Timer Operation mode: Auto, Always Off, Always On, Boost |
|  | RF Connection indicator |
|  | Internet Connection Indicator |
|  | Low battery Status |
|  | Set Point |
|  | Setting |

When OpenTherm is detected

| Icon | Description |
|---|---|
|  | "OT" and heating water temperature is displayed |
|  | OpenTherm boiler supports hot water function |
|  | OpenTherm boiler reports hot water is running |
|  | OpenTherm boiler reports the flame is On |

6 APPLICATIONS

Room Thermostat

The **Unisenza Plus Thermostat** can be used for the following system types through the integration with HVAC equipment or controllers on a **wireless Unisenza Plus network** with compatible clusters and attributes, such as **Unisenza Plus Receiver**.

- Central heating On/Off controls or OpenTherm
- Dual channels On/Off controls for central heating and domestic hot water timer
- Heat/Cool On/Off Control

Room control unit for Electronic Thermostatic Head

The device can also be used as the master room control unit when paired with **Unisenza PLUS Electronic Thermostatic Head**. In such use case, **Unisenza Plus Thermostat** is used as the room temperature sensor and setpoint interface for the paired **Unisenza PLUS Electronic Thermostatic Head**. A maximum of six **Unisenza PLUS Electronic Thermostatic Heads** can be paired to one room control unit.

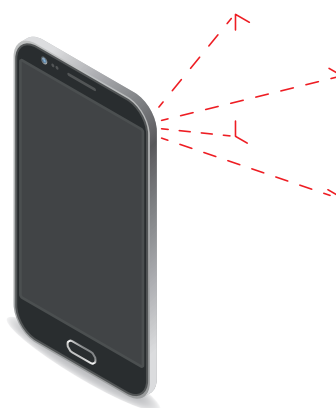
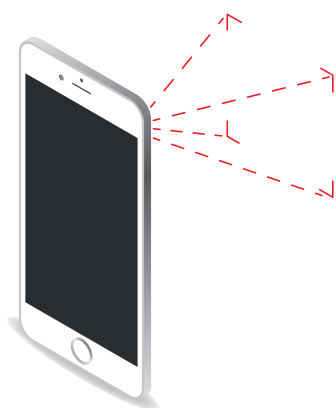
7 DOWNLOAD THE APP



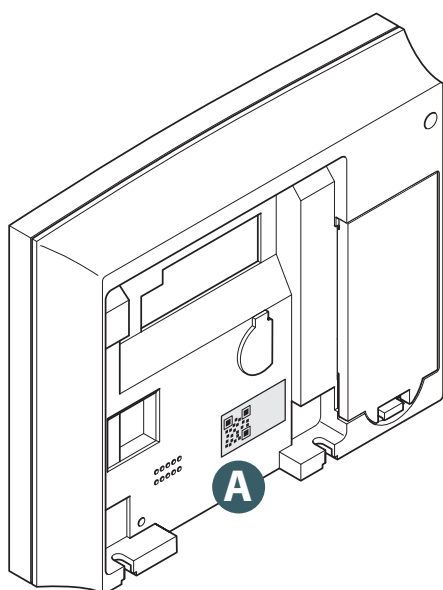
The management of the **Unisenza Plus Thermostat** is also possible through a dedicated APP that allows its configuration and the management of the devices you will pair.

In order to download the **APP**, you need to connect to the **STORE** of your device used for configuration and install the **Unisenza Plus**.

Or, again using the device, you can directly access the installation page using the following **QR codes**, again depending on the operating system.



8 NAMEPLATE

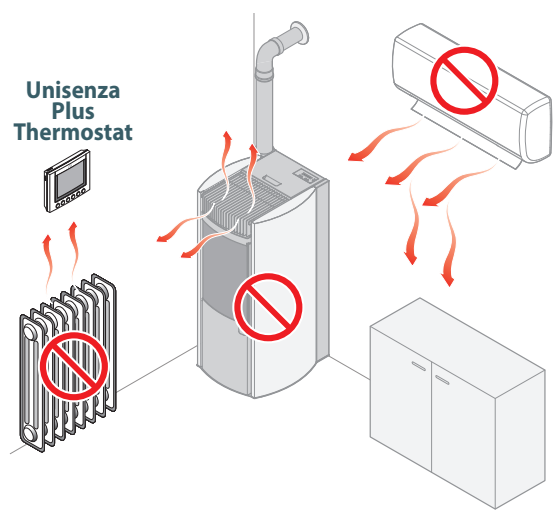
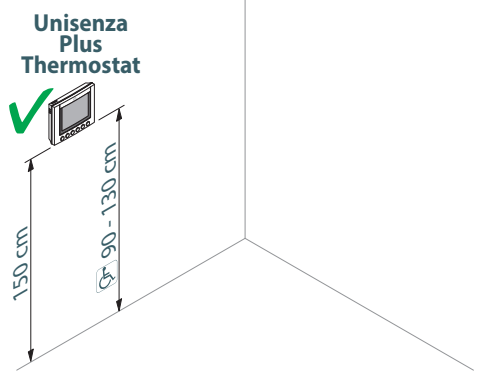
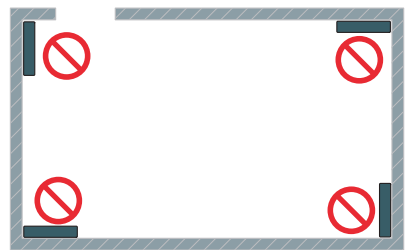
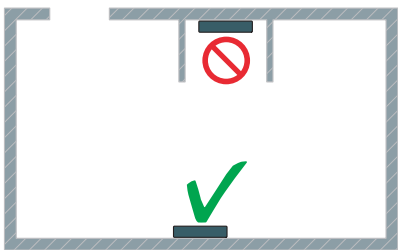
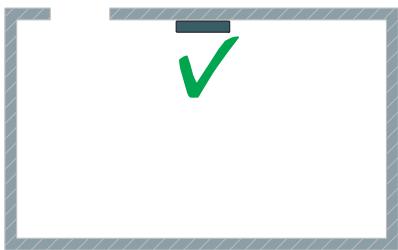
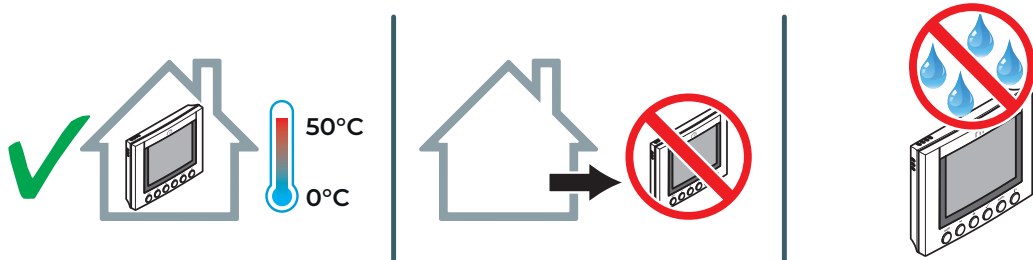


At the rear of the **Unisenza Plus Thermostat** there is a sticker **(A)** which indicates the device data.

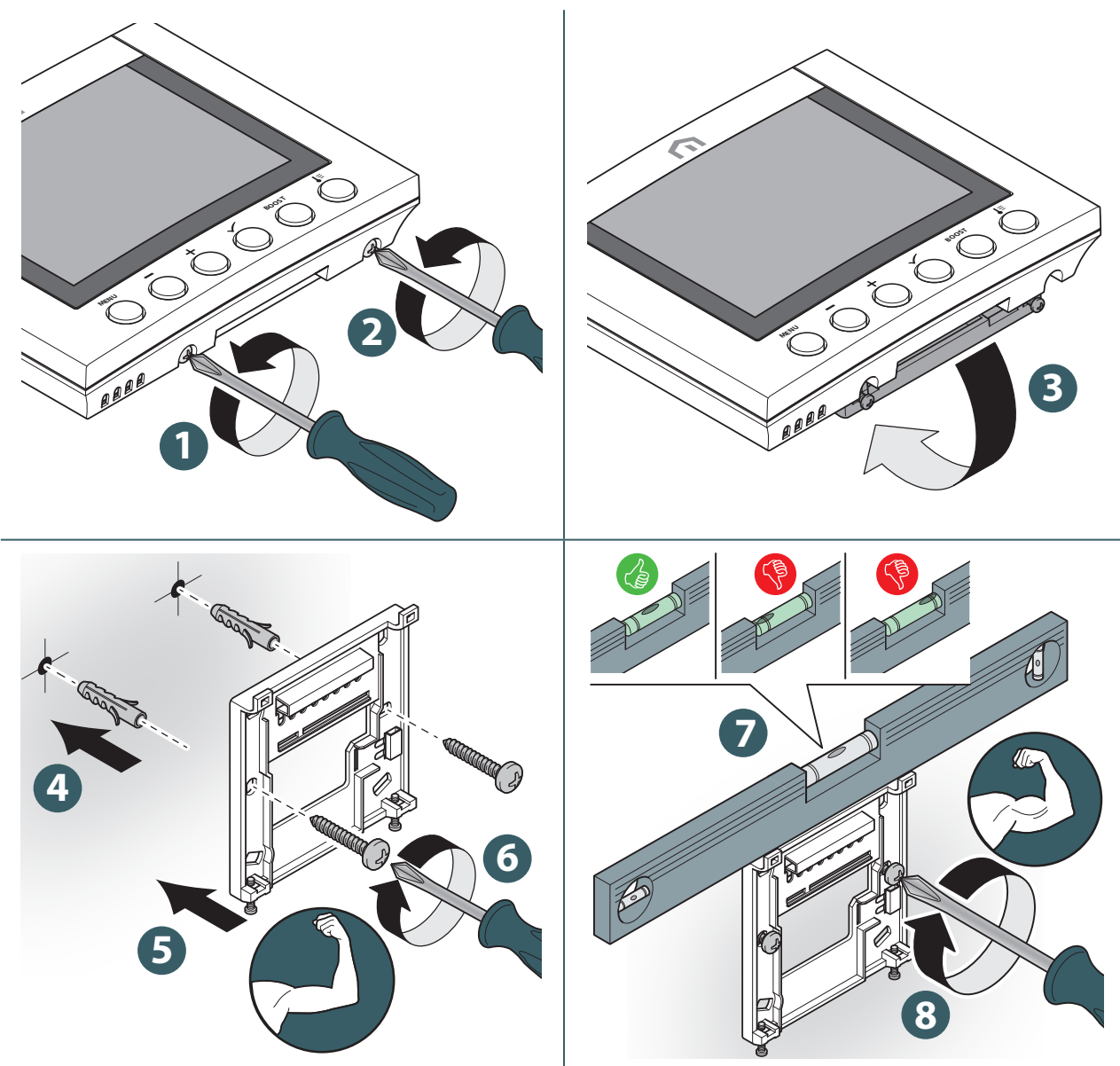
QR code availability for future feature.

9 INSTALLATION

Recommendations for a correct installation



Fixing the bracket to the wall



When fastening, be very careful not to use too much force when tightening the supplied screws.



During assembly, if any problems arise, contact the Manufacturer and request assistance.

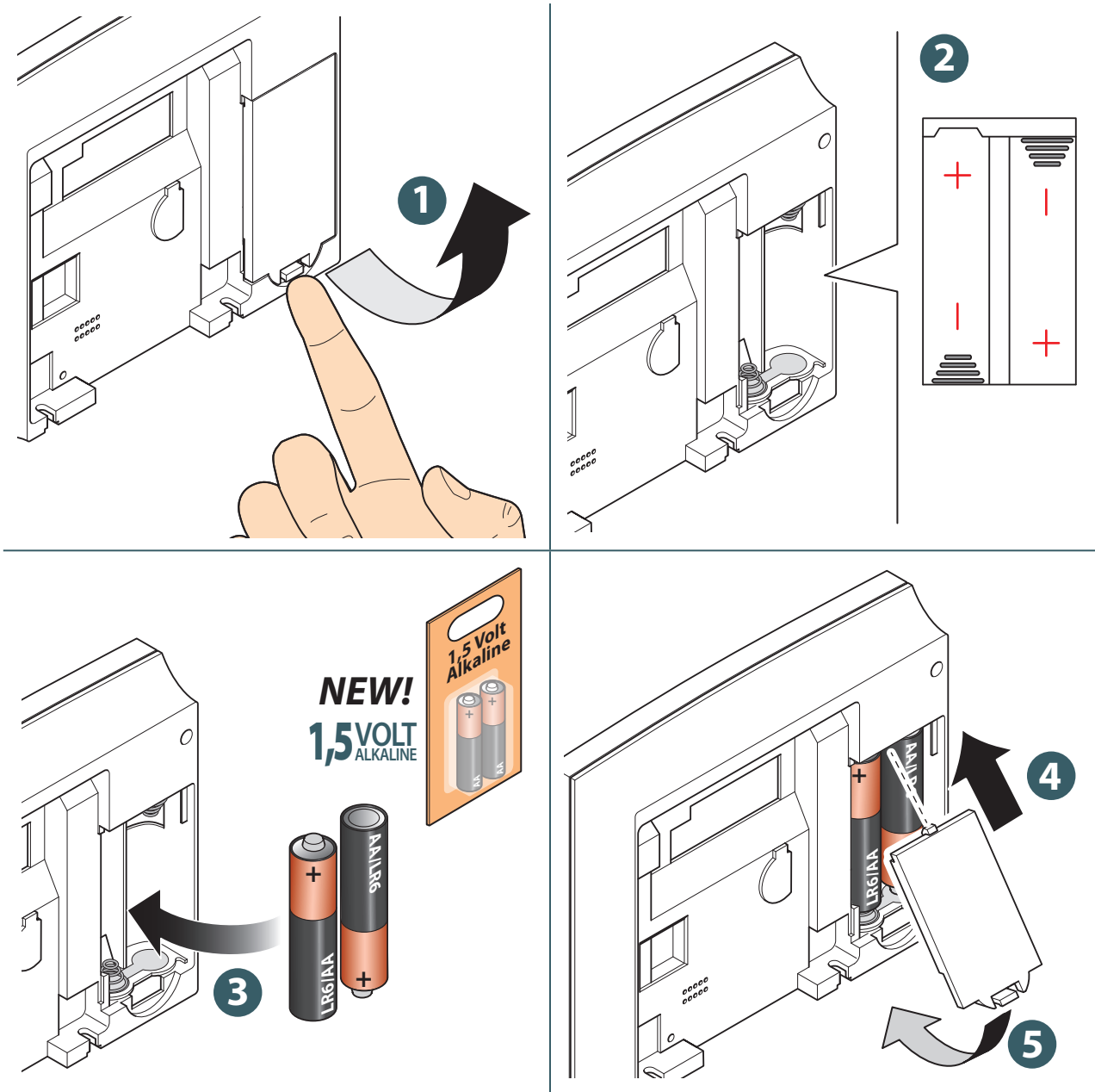
Inserting the batteries

The Unisenza Plus Thermostat, to work, requires 2 AA alkaline batteries (included in the package).

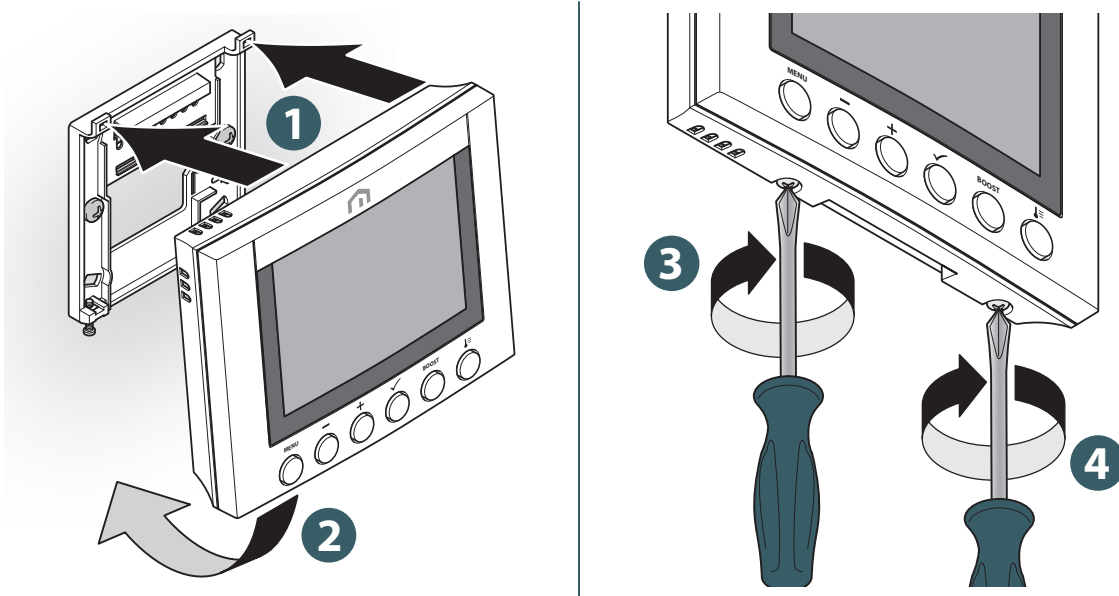


When installing the batteries, observe the correct polarity indicated in the battery housing. Reversing the polarity runs the risk of damaging the electronic regulator.

To insert the batteries proceed as shown.



Fixing the thermostat to the bracket



When fastening, be very careful not to use too much force when tightening the supplied screws.



During assembly, if any problems arise, contact the Manufacturer and request assistance.

10 USE

Main screen operation



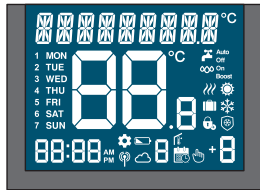
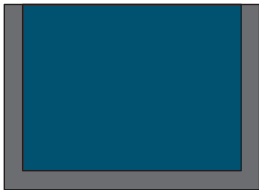
The LCD backlight is Off during stand by in normal operation. Press any key to turn on the LCD backlight before performing other user operations as described below. The LCD backlight will be turned off automatically when no key press for 15 seconds.

Power up

The ignition of the **Unisenza Plus Thermostat** takes place by inserting the batteries in their housing, which has already been seen in the previous chapters.

Below what appears on the display.

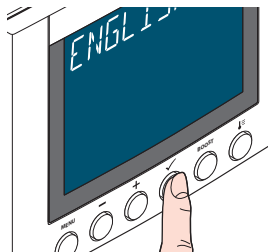
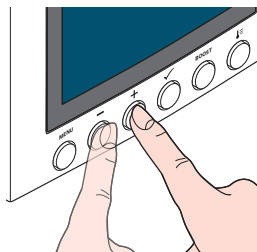
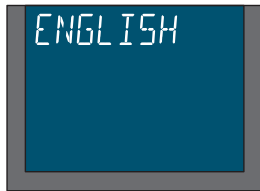
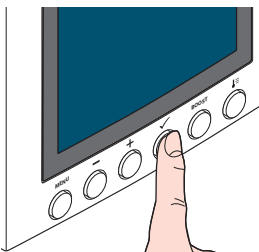
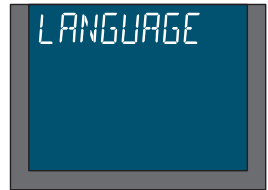
1 Display power up



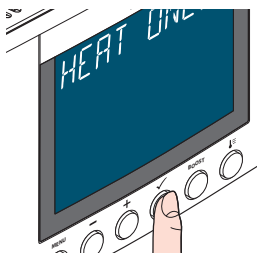
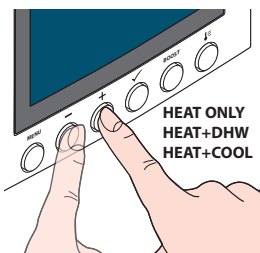
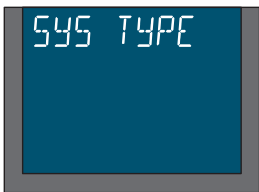
2 Firmware



3 Language

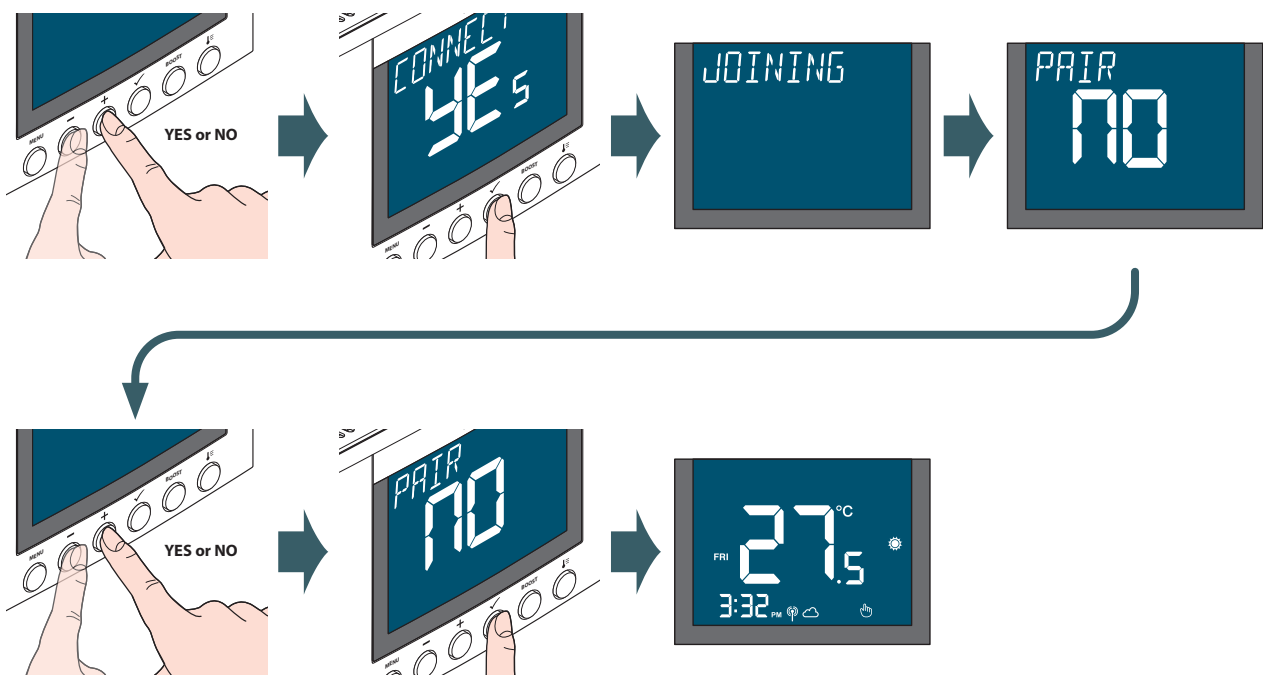


4 Select System Type



4 Unisenza Plus network





If "YES" was chosen at the "CONNECT" request, remember to activate the association mode in the **Unisenza Plus Gateway**, to do this consult the Gateway manual. If "NO" has been chosen, it will be possible to pair the device at a later time by accessing the menu: **ADMIN SETTING**→ **CONNECTION**→ **NETWORK**→ **JOIN**.

It is also possible to associate the thermostat from the **APP** using the "ADD NEW DEVICE" function.



If "YES" was chosen at the "PAIR" request, remember to activate the association mode in the device we want to associate, to do this consult the relative manual. If "NO" has been chosen, it will be possible to associate the device at a later time by accessing the menu: **ADMIN SETTING**→ **CONNECT**→ **ASSOCIATION**→ **ADD**.

It is also possible to associate the thermostat from the **APP** by entering the thermostat settings menu.

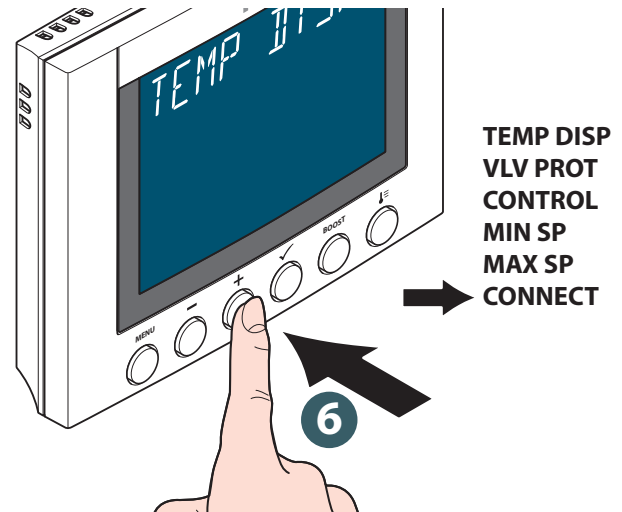
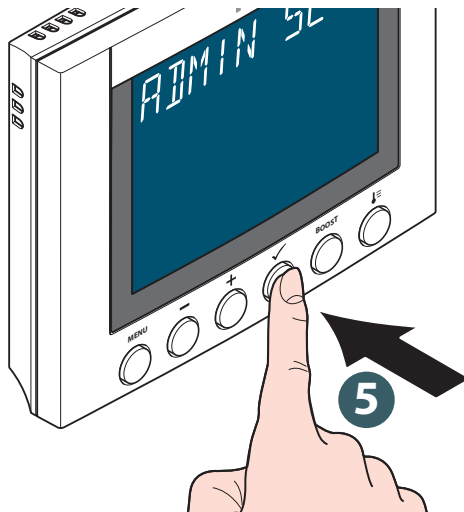
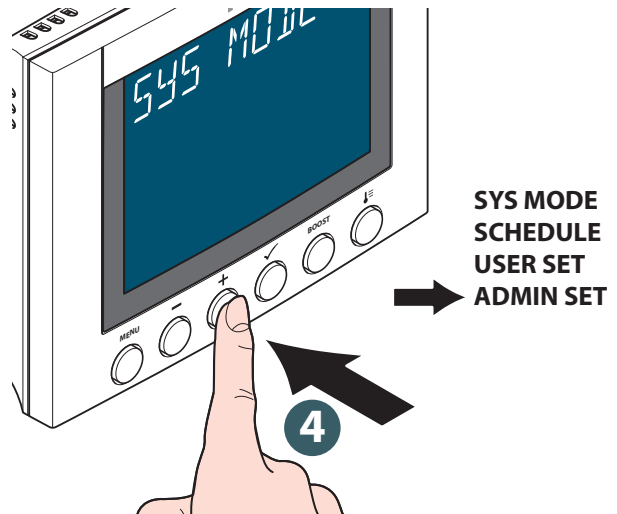
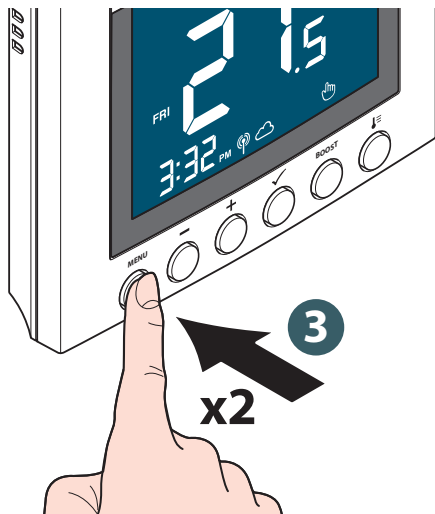
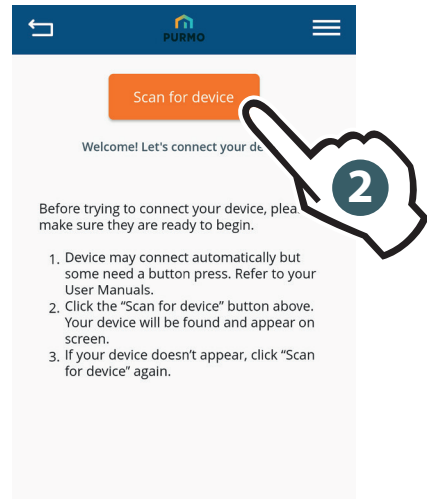
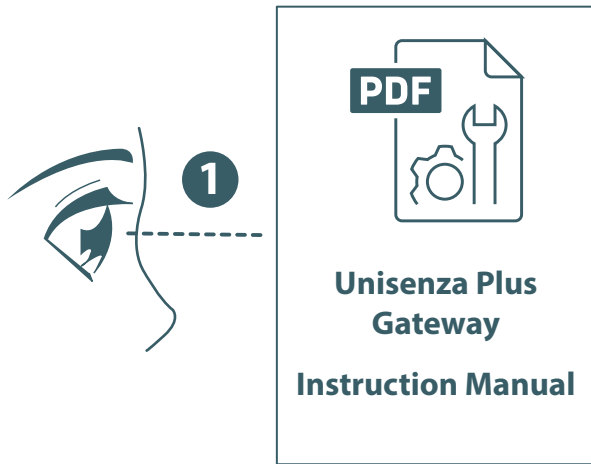
Pairing to Unisenza Plus Gateway

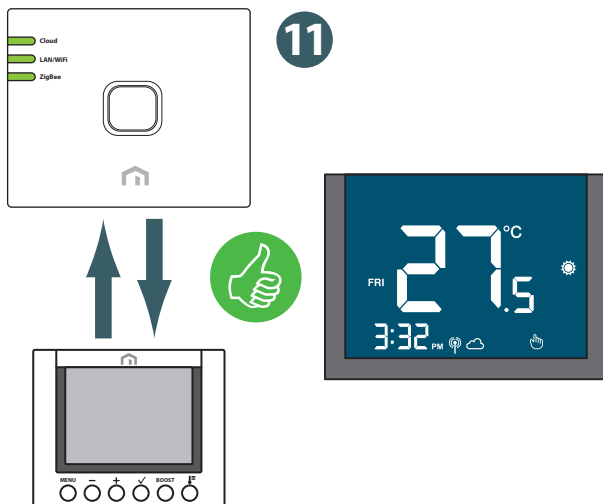
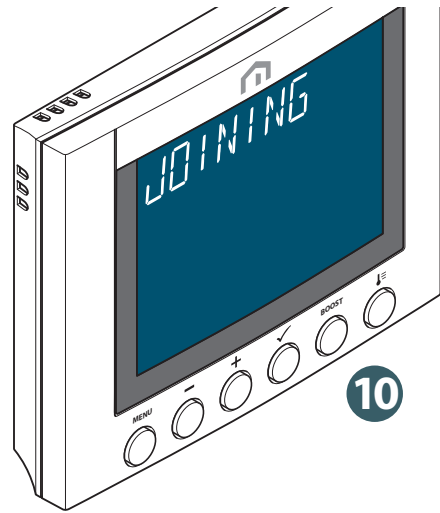
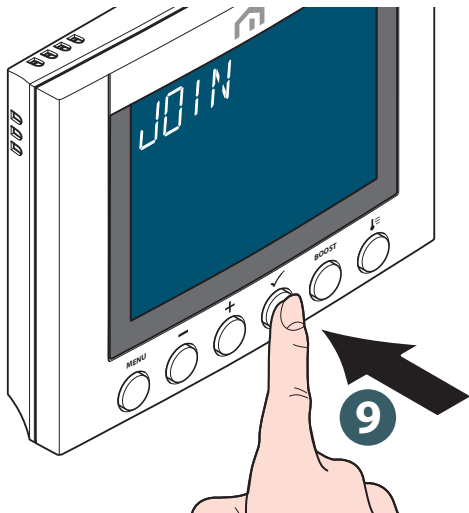
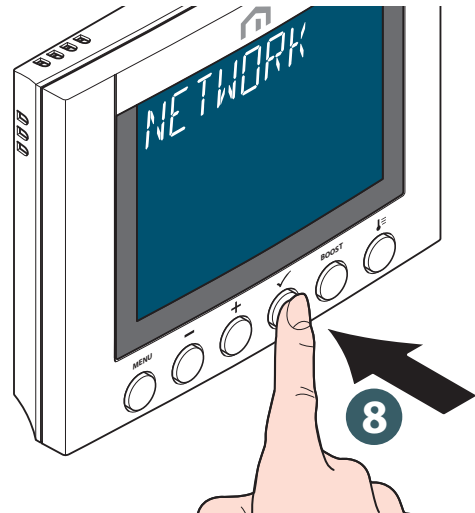
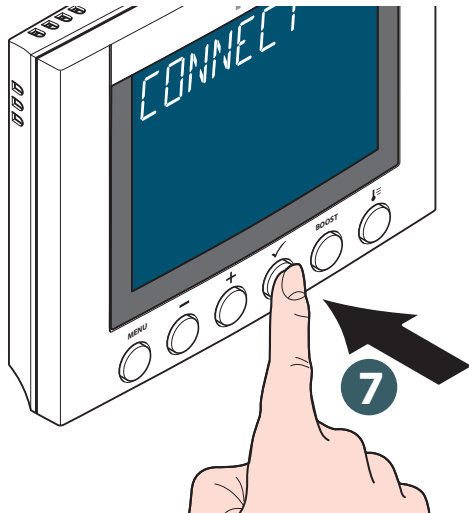
With APP



The association between the **Unisenza Plus Thermostat** and the **Unisenza Plus Gateway** can be done through the system management **APP**.

To proceed with the association you need to have already installed and configured the **Gateway**.



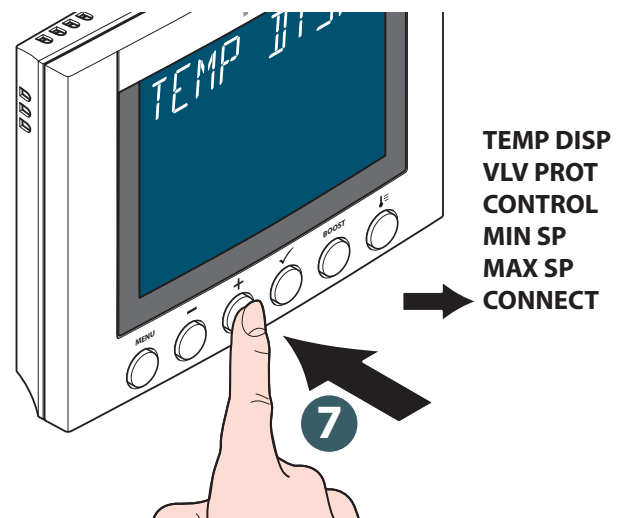
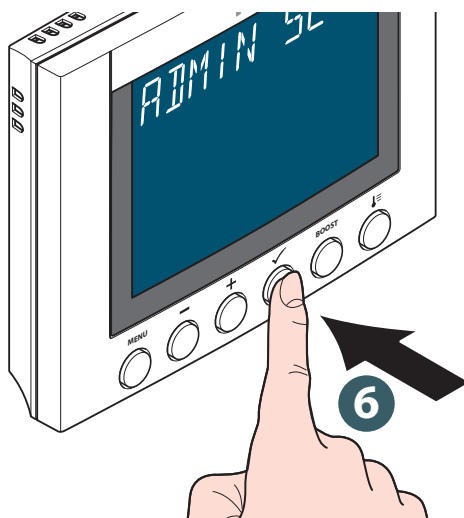
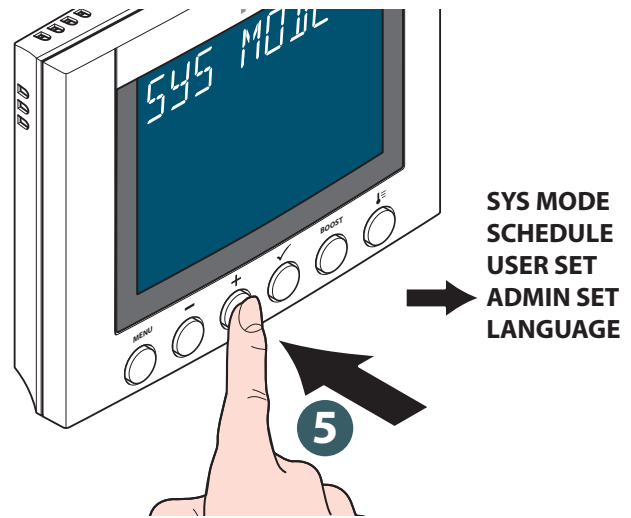
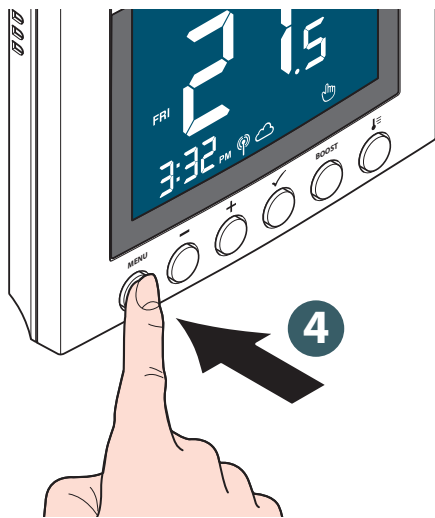
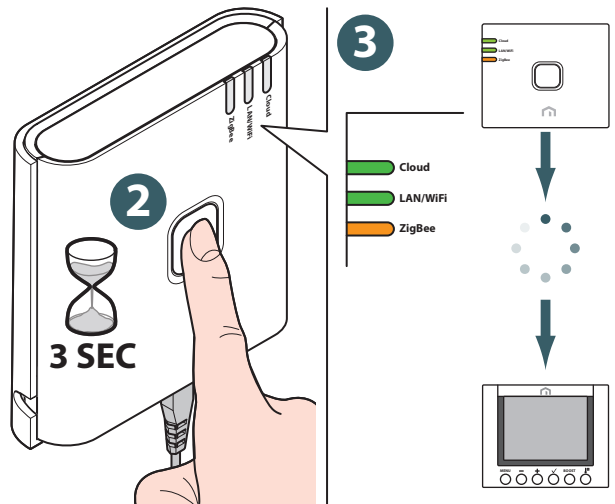
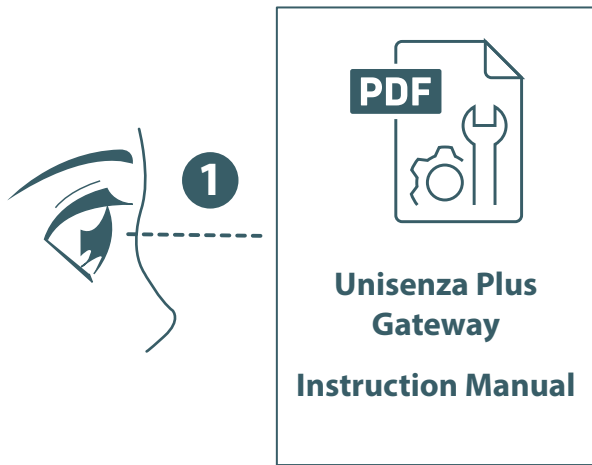


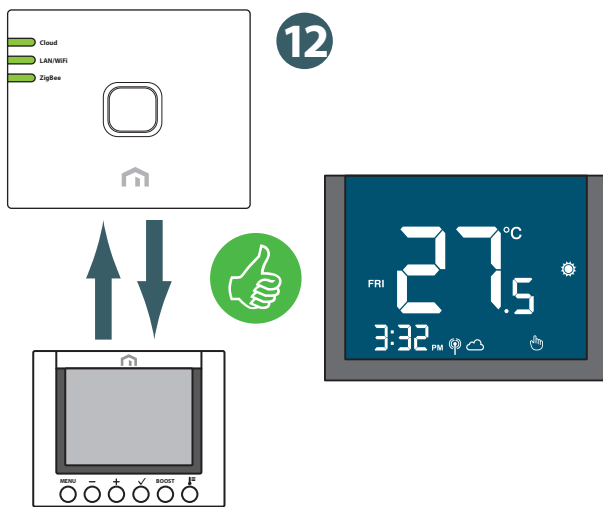
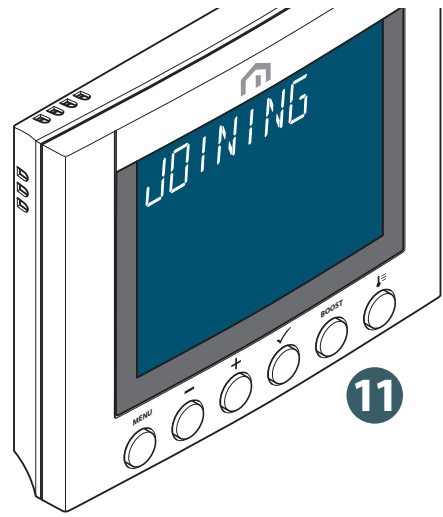
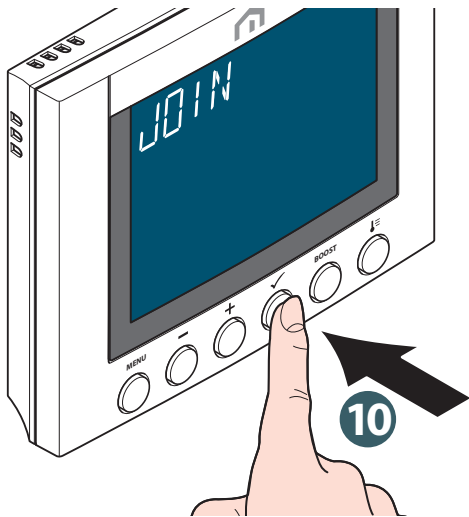
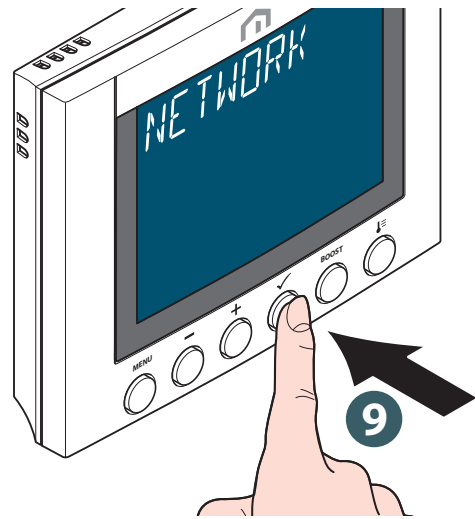
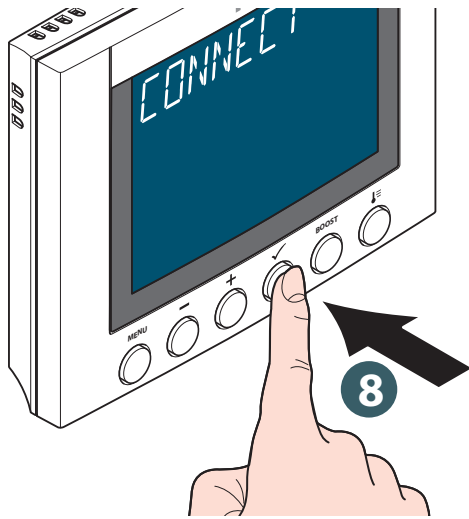
If you want to associate a **Unisenza Plus Thermostat** that was previously associated with another Gateway, it is necessary to perform a reset to the factory settings of the electronic regulator before making the new association.

Without APP



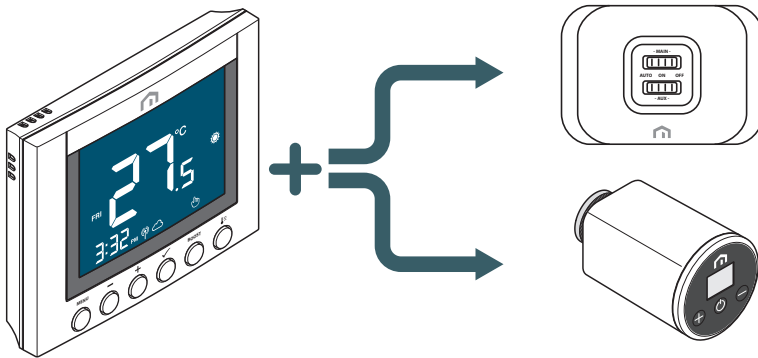
The association between the **Unisenza Plus Thermostat** and the **Unisenza Plus Gateway** can also be made directly between the two devices.
 To proceed with the association you need to have already installed and configured the **Gateway**.





If you want to associate a **Unisenza Plus Thermostat** that was previously associated with another Gateway, it is necessary to perform a reset to the factory settings of the electronic regulator before making the new association.

Pairing with other Unisenza Plus device (optional)




After the **Unisenza Plus Thermostat** joined a Unisenza Plus network, it can be paired with a **Unisenza Plus Receiver** or **Unisenza Plus Electronic Thermostatic Head**.

When pair with a receiver, the **Unisenza Plus Thermostat** heat demand will be passed to the receiver to interlock the boiler or the zone valve.

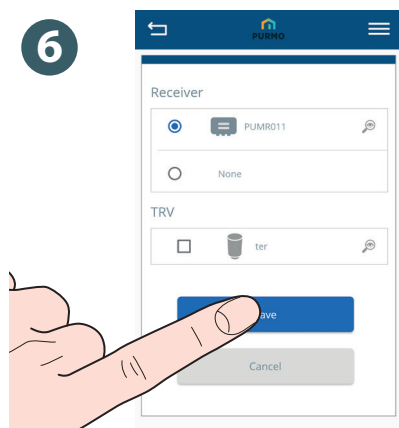
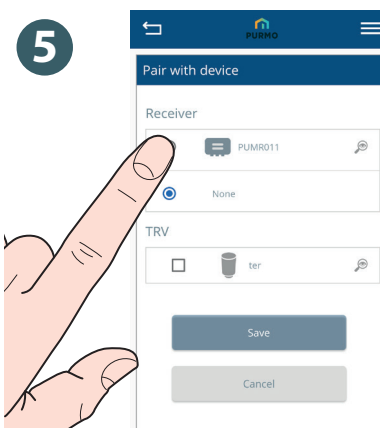
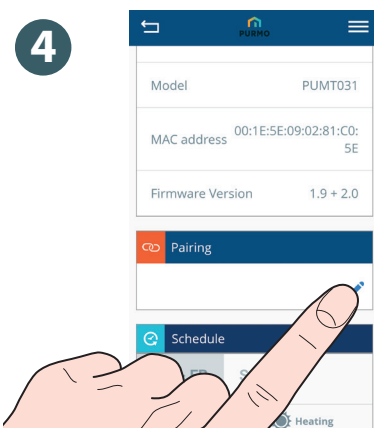
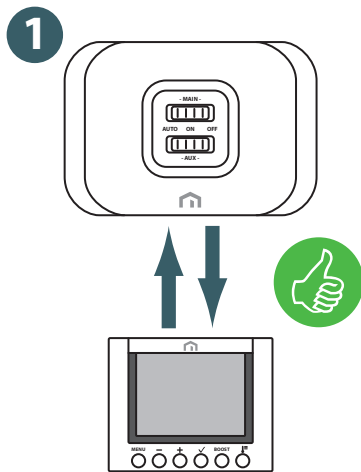
When the room thermostat is paired with a **Unisenza Plus Electronic Thermostatic Head**, the boiler interlock with the **Unisenza Plus Receiver** for the heat demand can be done via the thermostat.

The thermostat will become a remote control to the **Unisenza Plus Electronic Thermostatic Head**. The room temperature measured by the thermostat will be used by the **Unisenza Plus Electronic Thermostatic Head**.

The **Unisenza Plus Electronic Thermostatic Head** displays , and the set point and mode control will follow the settings on the room thermostat.

A maximum of **six Unisenza Plus Electronic Thermostatic Heads** can be paired with a room thermostat. A maximum of total **sixteen Unisenza Plus Electronic Thermostatic Heads** or **Unisenza Plus Thermostats** can be paired with **Unisenza Plus Receiver**.

Pair device using App



Pair device using the local interface

1

2
SYS MODE
SCHEDULE
USER SET
ADMIN SET

3

4
NETWORK PAIR

5

6

7
TEMP DISP
VLV PROT
CONTROL
MIN SP
MAX SP
CONNECT

7

8
STATUS
IDENTIFY
ADD
REMOVE

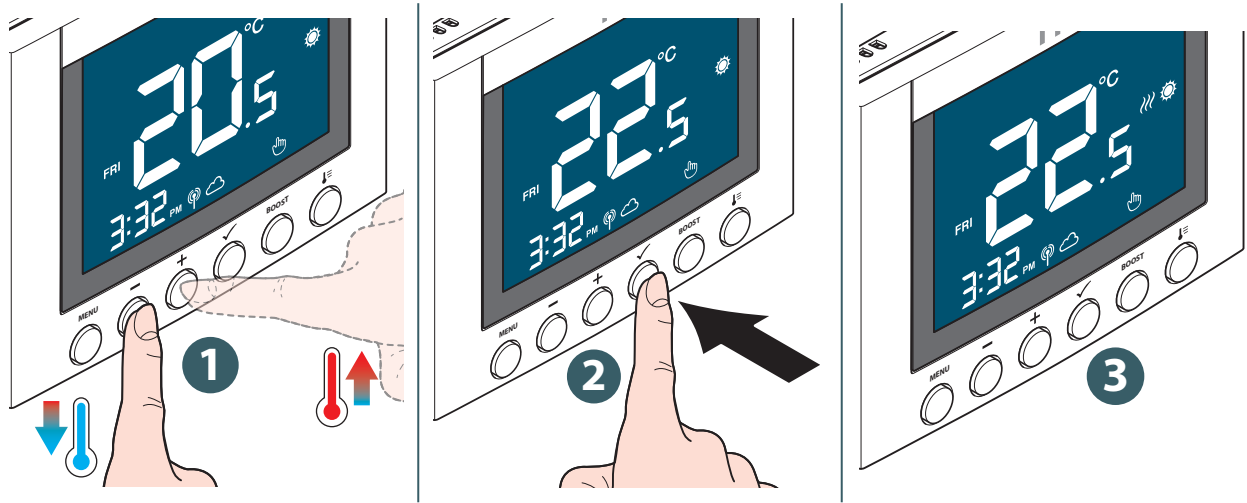
9

10

11

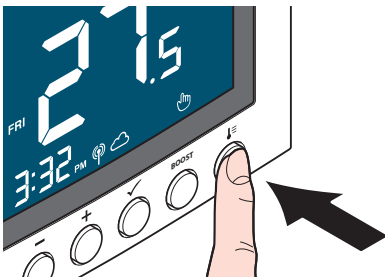
27.5°C
FRI 3:32 PM

Change set point






The icon  flashes when Optimum Start/Stop is active or Valve Protection operates.

Change operation mode



Press **Operation Mode** button to switch between **Schedule/Temporary override** and **Permanent Hold mode**.

| Icon | Mode | Explanation |
|---|-----------------------------|--|
|  | Permanent Hold mode | The set point is kept constant regardless of the schedule. To modify the set point, use the + and - keys. |
|  | Schedule mode | The set point is the one established in the programming and the number of the planning program is indicated. |
|  | Schedule/Temporary override | The set point set in the programming is modified using the + and - keys and remains active until the next programming arrives. |

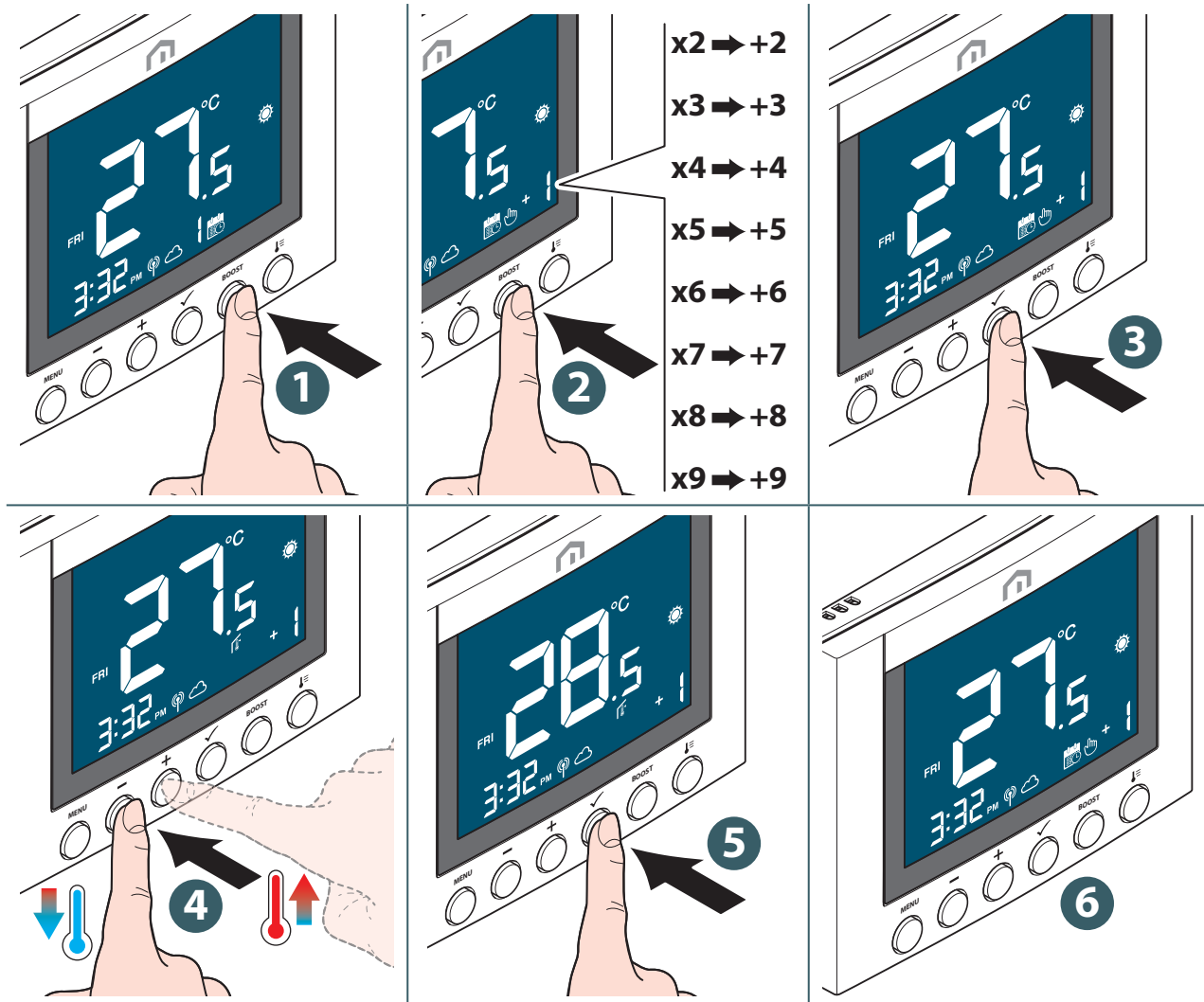


Temporary scheduling mode overrides the scheduling **set point temperature** and will remain active until the next scheduling time slot arrives. Subsequently the temperature will be the one established according to the planning on the **APP**.

Boost - Set point

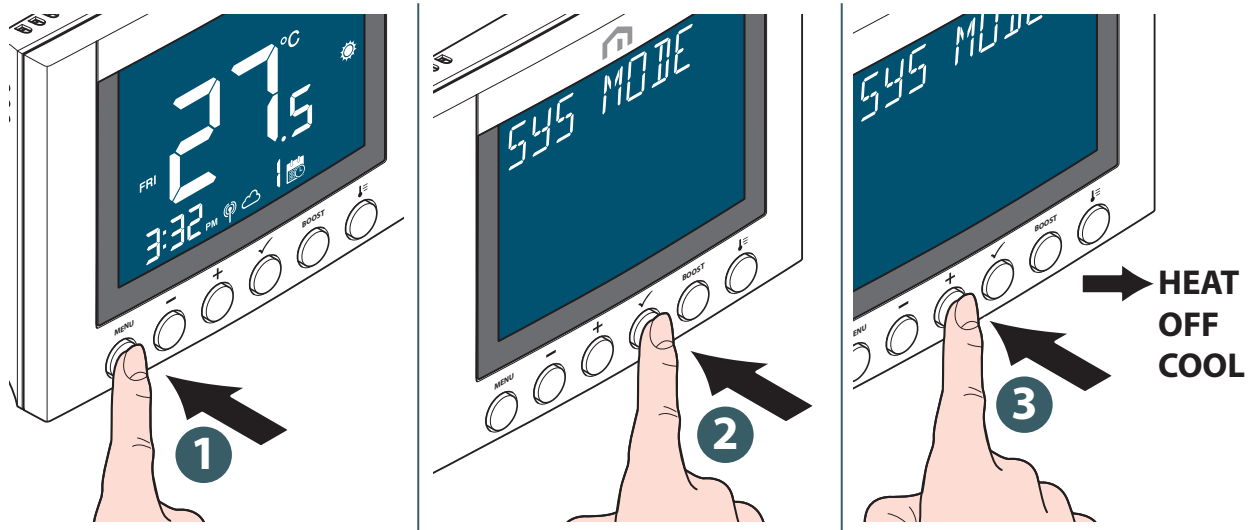
This mode allows you to temporarily change the set point of a schedule for a certain period of time.


To activate the Boost mode, proceed as follows:



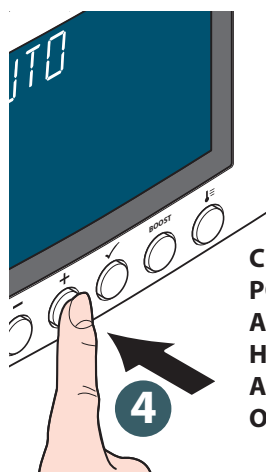
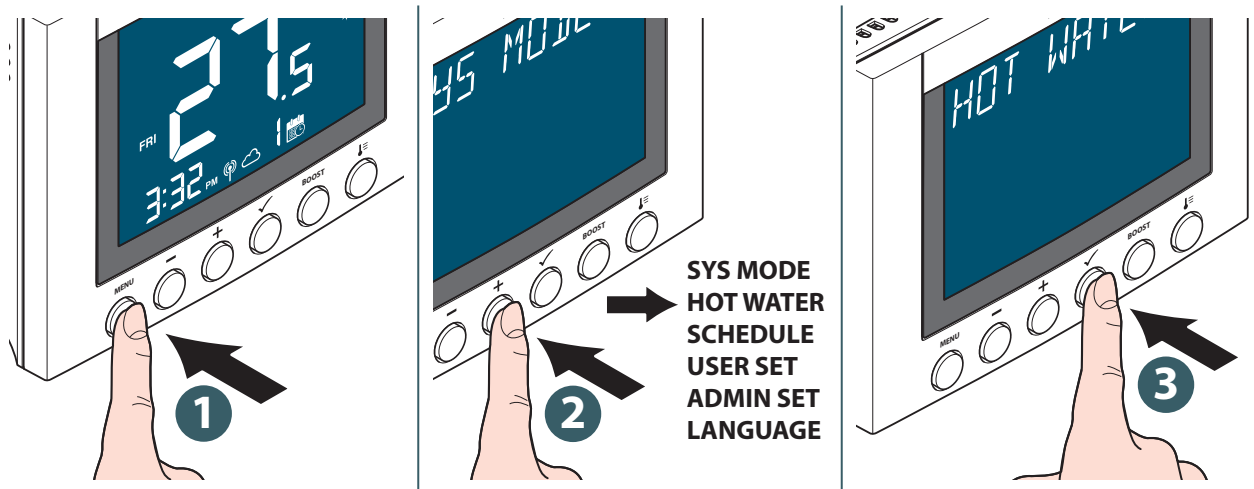
Once the operating period established for the Boost mode has elapsed, the device will automatically return to operating with the last mode that was previously selected.

Change system mode (Heating&Cooling)



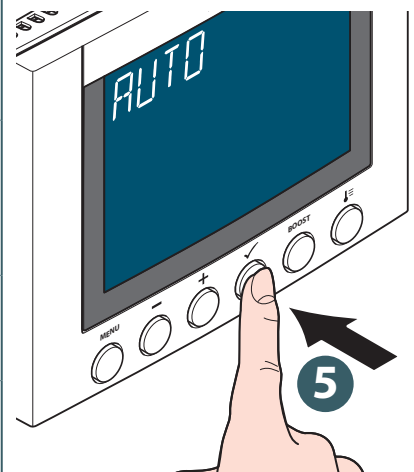
 Cool mode is available only when **SYSTYPE** is **HEAT+COOL**. Press Menu/Back button to return to main screen.

Change Hot water operation mode (available only when SYSTYPE is "HEAT+DHW")



CHOICE POSSIBILITY:
AUTO
HW BOOST
ALWAYS ON
OFF

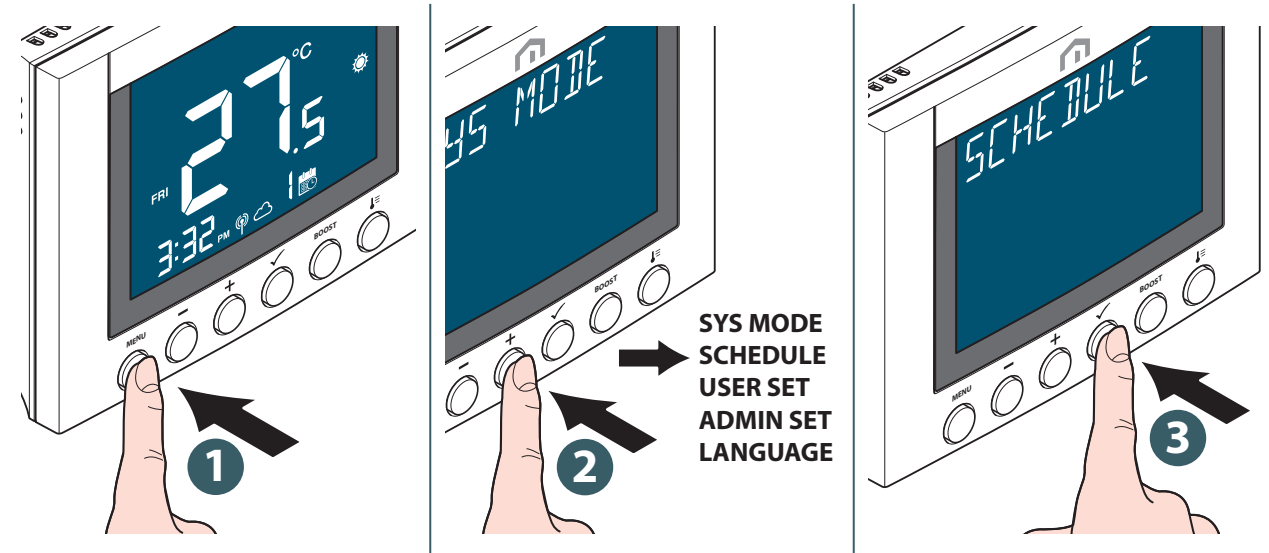
| | |
|-----------|---|
| AUTO | Hot water operation follows schedule |
| HW BOOST | Hot water boost mode, select the boost from 1hr to 9hr (it returns to AUTO after boost) |
| ALWAYS ON | Hot water is turned On |
| OFF | Hot water is turned Off |



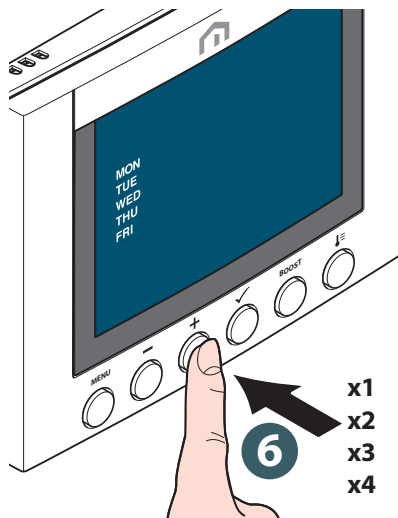
Press Menu/Back button to return to main screen.

Schedule setting

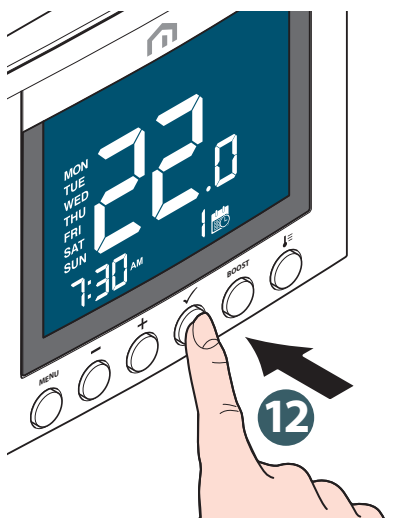
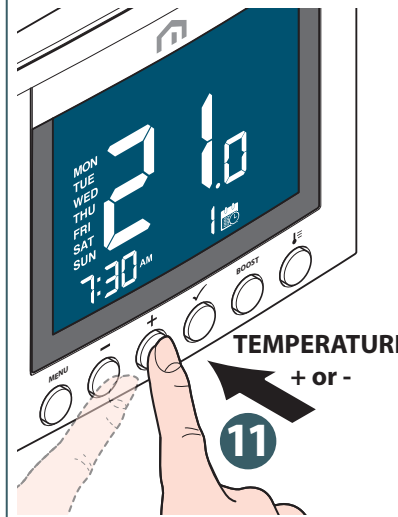
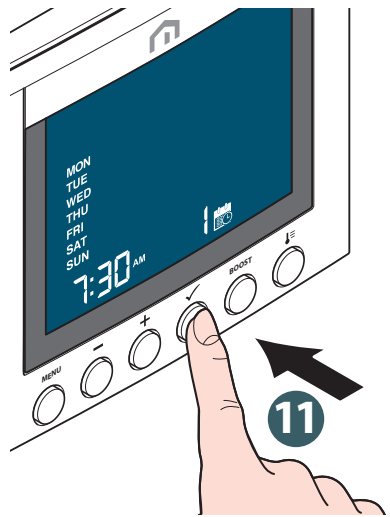
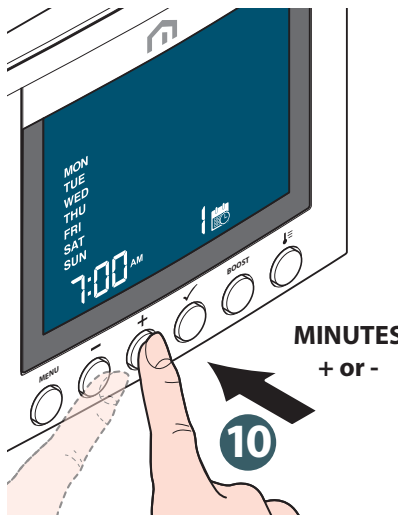
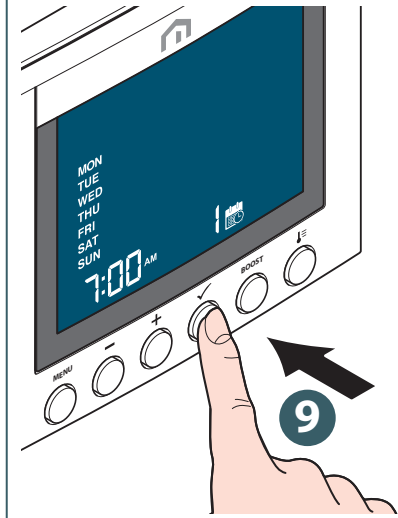
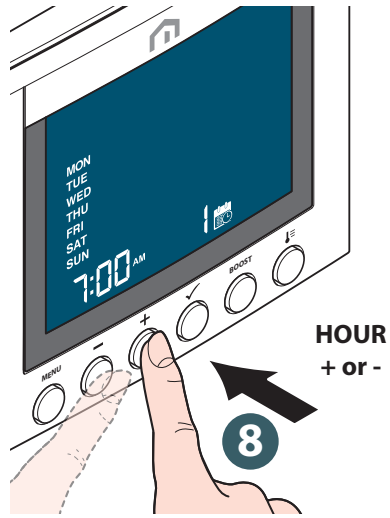
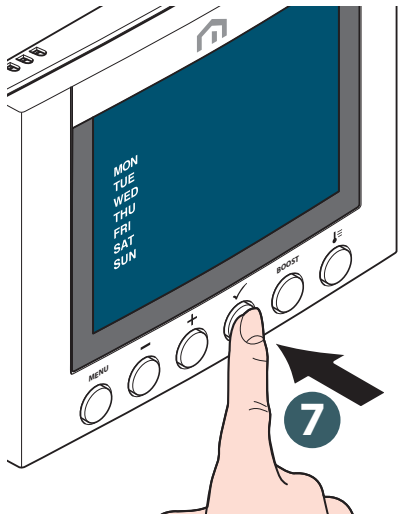
Schedule for different mode (HEATING, COOLING and HOT WATER) can be defined separately here. Three schedule program are available (7 DAY / SINGLE / 5+2 DAY).



| | | | |
|---|-----------|--|----------|
| <p>4</p> <p>CHOICE POSSIBILITY: HEATING COOLING HOT WATER</p> | HEATING | When SYS MODE is HEAT, temperature set point is set for each time slot | <p>5</p> |
| | COOLING | When SYS MODE is COOL, temperature set point is set for each time slot | |
| | HOT WATER | HOT WATER On/Off is selected for each time slot | |



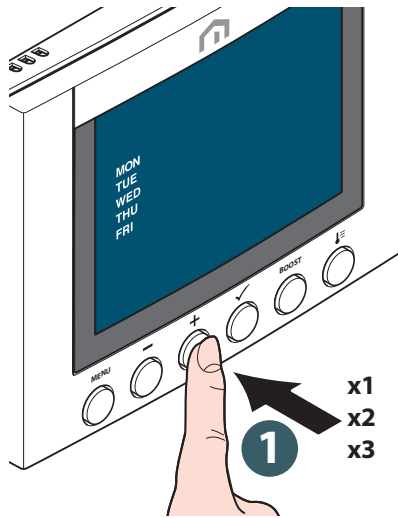
| x1 5 + 2 DAYS | x2 5 + 2 DAYS | x3 7 DAYS | x4 SINGLE DAY |
|---------------------------------|------------------|---|---|
| MON TUE WED THU FRI | SAT SUN | MON TUE WED THU FRI SAT SUN | MON TUE WED THU FRI SAT SUN |



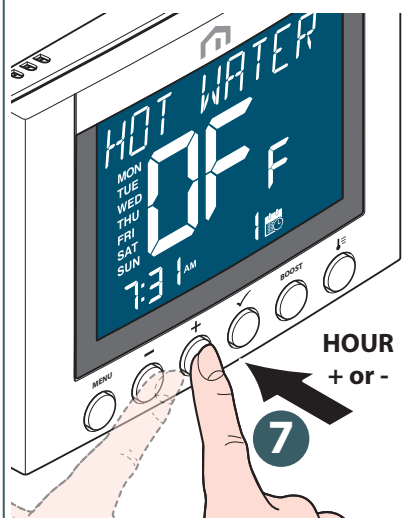
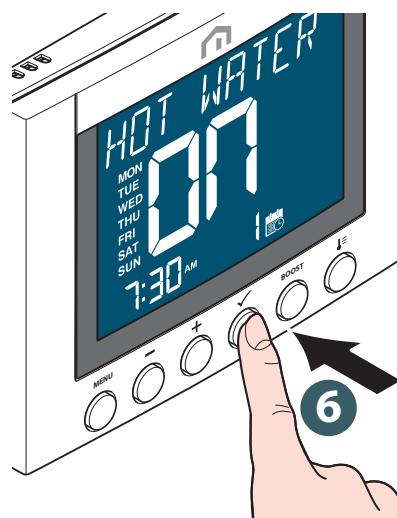
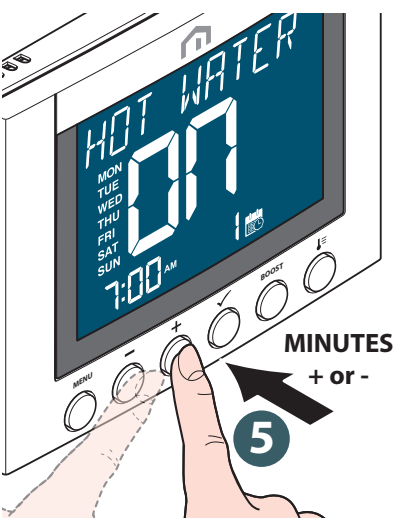
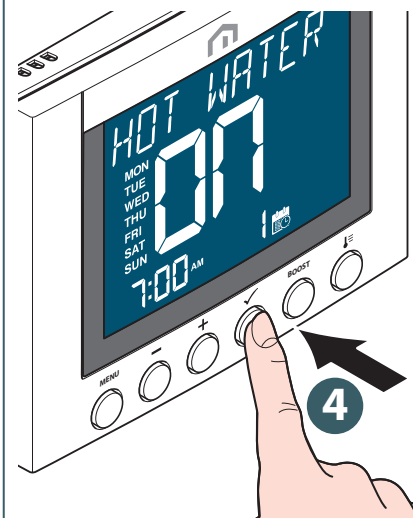
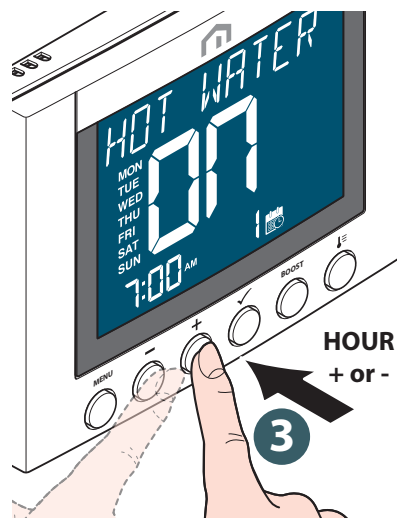
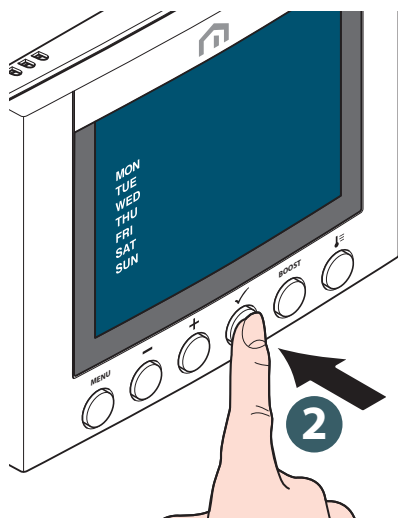
Repeat above procedure to set up to 6th time slot.

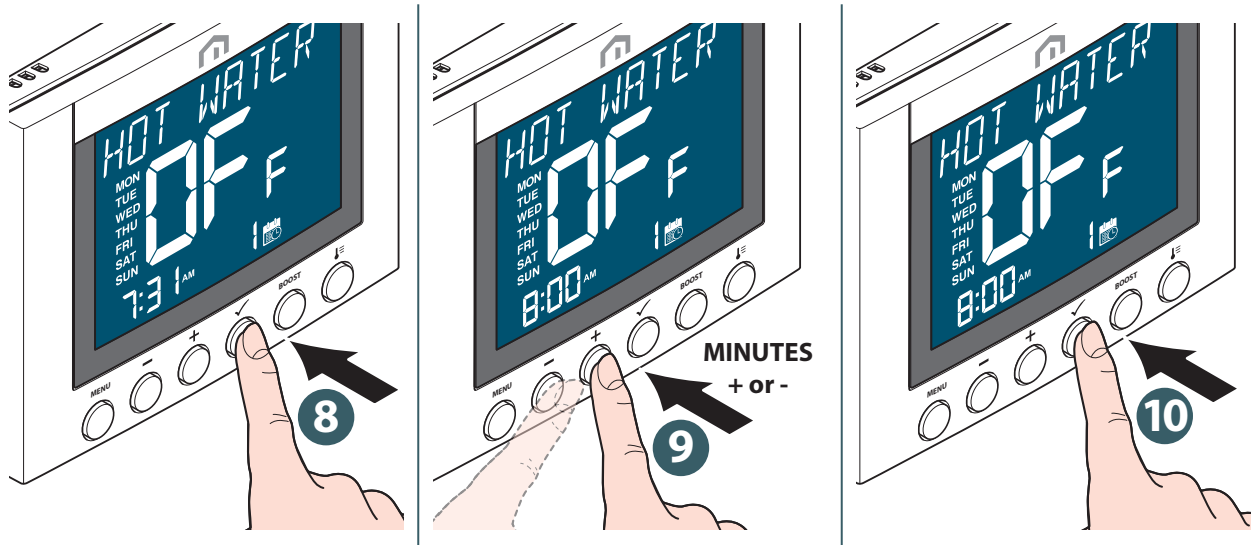
Press Menu/Back button to return to main screen.

For hot water On/Off



| x1 5 + 2 DAYS | x2 5 + 2 DAYS | x2 7 DAYS | x3 SINGLE DAY |
|---------------------------------|------------------|---|---|
| MON TUE WED THU FRI | SAT SUN | MON TUE WED THU FRI SAT SUN | MON TUE WED THU FRI SAT SUN |



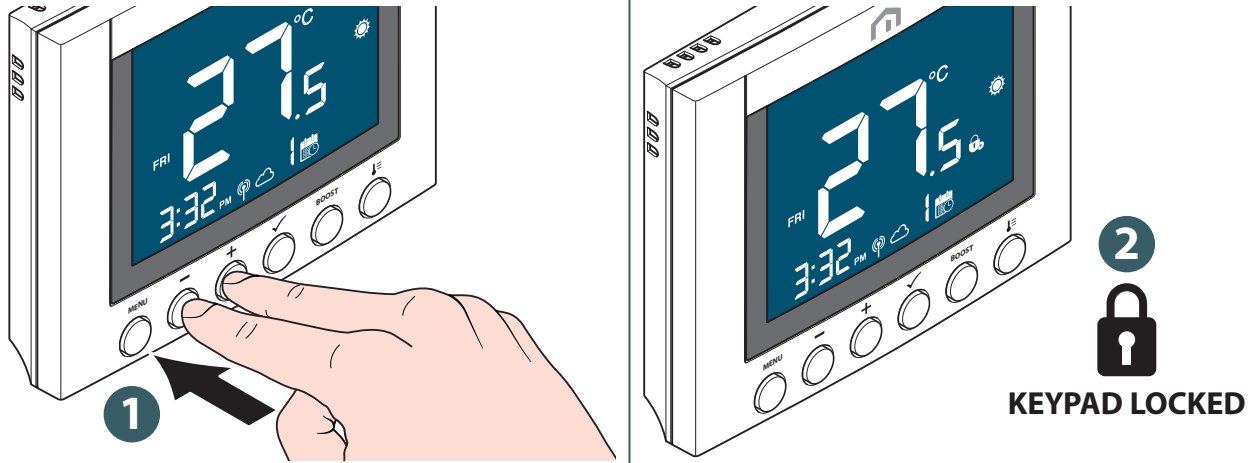


Repeat above procedure to set up to 3rd time slot.

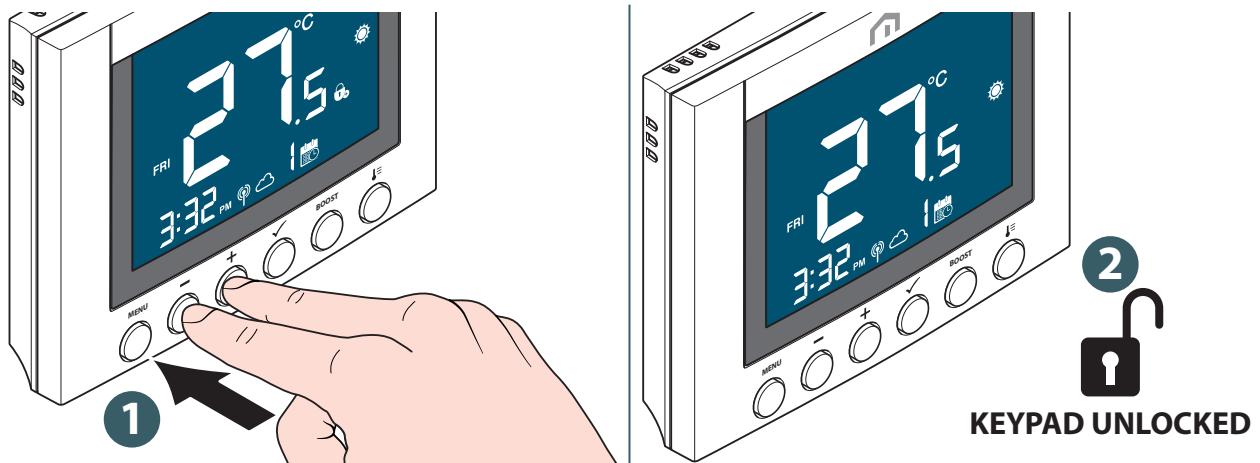
Press Menu/Back button to return to main screen.

Key lock

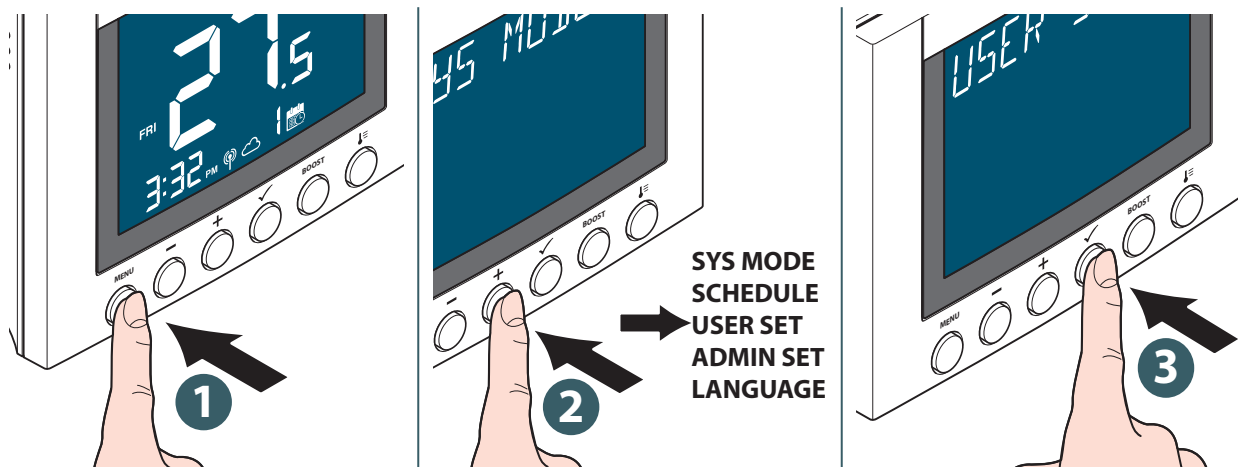
Lock the keypad



Unock the keypad



User setting

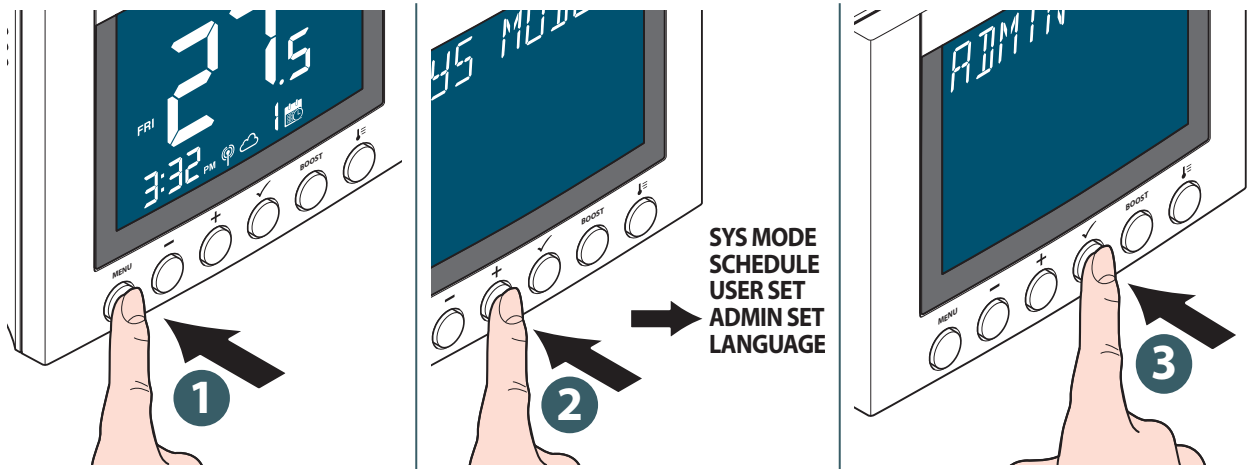


The editable settings are:

| | | |
|------------------|---------------------|--|
| TIMEDATE | Time | 12hr or 24hr display format |
| | Clock | Set hour and minute |
| | Date | Set year, month and day |
| | Dst | Daylight saving time on or off |
| | Time disp | Display time on device or not |
| | Week display | Weekday display by number or by word format |
| Temp unit | | Select temperature display unit in celcius or fahrenheit |
| Tr calib | | Temperature calibration (up to +/- 2.5 °C) |
| Optimize | Start | Set optimum start On or Off. When Optimum Start is On, thermostat may turn On HEATING earlier to achieve the set temperature at the time defined in the schedule |
| | Stop | Set optimum stop On or Off. When Optimum Stop is On, thermostat may turn Off HEATING earlier to achieve the set temperature at the time defined in the schedule |
| Frost sp | | Define Frost Protection set point |
| Reset | Reboot | Perform a power cycle reset (all settings are kept unchanged) |
| | User | Reset user settings, SYS MODE and schedule back to default value. It returns to USER SETTINGS screen after reset. |

Press **Menu/Back** button to return to main screen.

Admin setting



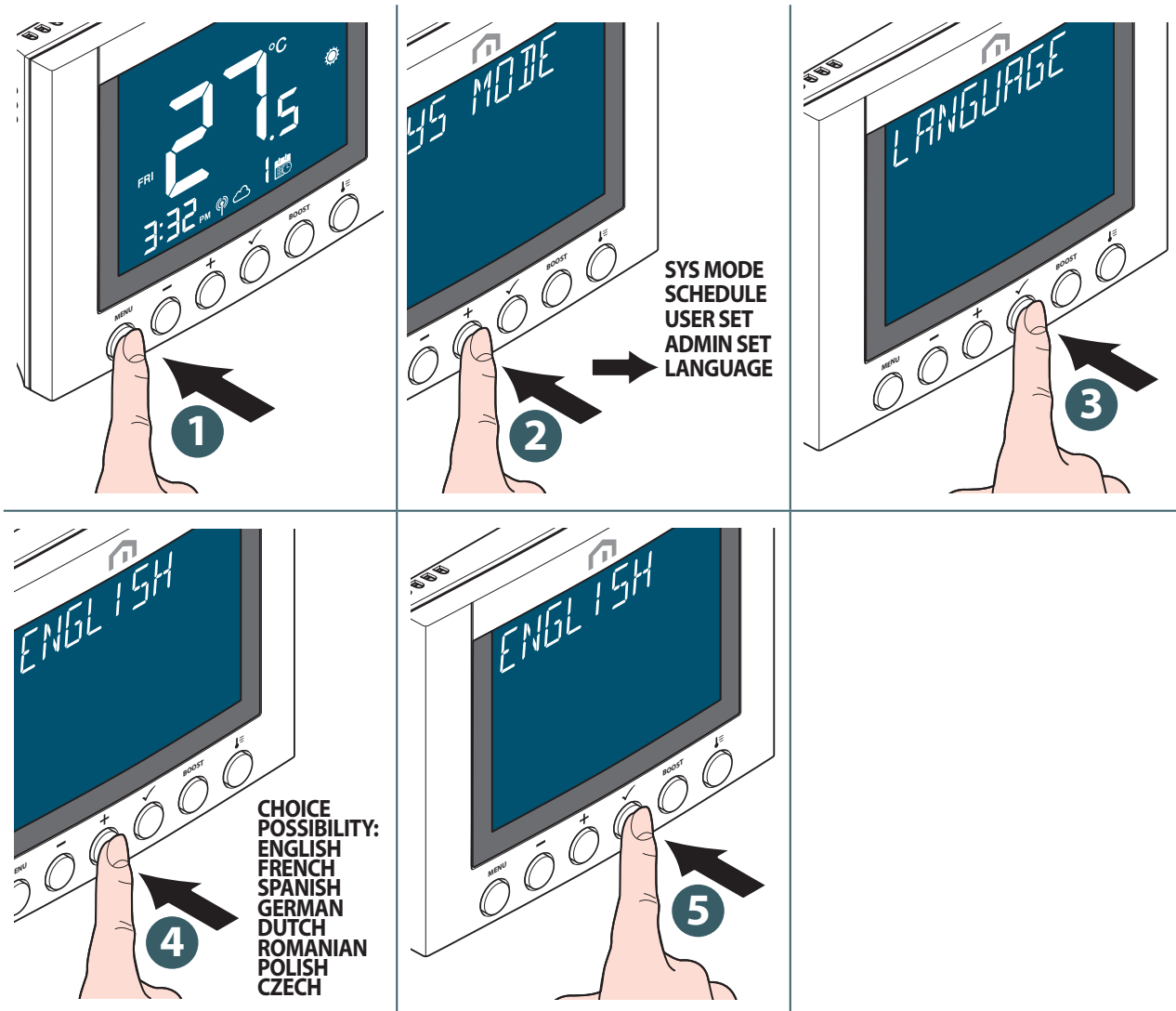
The editable settings are:

| | | |
|--|------------------------------|--|
| Temp disp | | Select temperature display interval at 0.5°C(1°F) or 0.1°C (0.2°F). |
| Vlv prot | | Select valve protection mode On or Off. If the relay is not turned On for a week, the thermostat will turn On the heating to move the actuators for less than 3 minutes time, to avoid the valve getting stuck or jamming. |
| Control Select which control algorithm mode is used for room temperature control | Tpi ufh | (available when SYS MODE is "HEAT"): algorithm designed for underfloor heating (for heating systems with high inertia). |
| | Tpi rad | (available when SYS MODE is "HEAT"): algorithm designed for radiator heating. |
| | Tpi elec | (available when SYS MODE is "HEAT"): algorithm for electric heating (for heating systems that heat up quickly and cool down quickly). |
| | Span ¼° c (span ½° f) | Permanent deviation of temperature in P Mode. |
| | Span ½° c (span 1° f) | Permanent deviation of temperature in P Mode. |
| Min sp | Heat | Set minimum HEATING set point (5°C to 35°C). |
| | Cool | Set minimum COOLING set point (5°C to 35°C). |
| Max sp | Heat | Set maximum HEATING set point (5.5°C to 37°C). |
| | Cool | Set maximum COOLING set point (5.5°C to 37°C). |

| | | |
|---|-------------------------|---|
| Connect | Network Join | Join the thermostat to the gateway. |
| | Network Unjoin | Disconnect the thermostat from the gateway. |
| | Network Identify | Identify which gateway is connected. |
| | Pair State | Show number of paired device. |
| | Pair Identify | Select EU-ID (display the last 6 digit) of a Unisenza Plus device to identify. |
| | Pair Add | Pair a Unisenza Plus device to the thermostat. |
| | Pair Remove | Select EU-ID (display the last 6 digit) of a Unisenza Plus device to unpair. |
| Pin code for access to the ADMIN SET menu | Disable | Disable the PIN code. |
| | Enable | Enable the PIN code, and then SET a 4-digit PIN code. In case PIN code is forgotten, power reset the thermostat. Then within 2minutes from power on, use the manufacturer PIN code 0682 to access the ADMIN SET menu to set a new PIN code. |
| DEV info | Battery | Display battery level in percentage. |
| | RF range | Display the value of RSSI (Received Signal Strength Indicator) between thermostat and gateway. If the wireless connection is lost, a lost link message is displayed. |
| | Version | Display the software version of this thermostat |
| Sys type | Heat only | Select one of the system type below. |
| | Heat + Dhwh | |
| | Heat + Cool | |
| Reset | Admin | Reset settings in the ADMIN SET menu (Joined network and paired Unisenza Plus device information is maintained). |
| | Factory | Reset everything back to the status same as the thermostat firstly unboxed. It displays "RESETTING" during the process and then reboots with default settings to finish the factory reset process. |

Press **Menu/Back button** to return to main screen.

Language setting



Protection

High temperature limiting

If the room temperature exceeds 41°C, all heating outputs will be turned off.

Temperature sensing error

If there is any sensor error on room temperature measurement, the thermostat will notify all related output devices to turn Off.

Error code display

An error code will be displayed on the text bar when error is detected.

When single error is detected, the error code is displayed directly on the text bar. When multiple errors are detected, text bar displays **XX ERRORS** while **XX** is the total number of error detected.

Press **Confirm button** to display the first error code, then press "Up" or "Down" to view another error code.


Once the error is solved, the error code disappears accordingly.

The error code description is as below.

| Error Code | Error Description |
|-----------------|---|
| ERROR 001 | Lost link with the Unisenza Plus Gateway |
| ERROR 003 - 014 | Pair Unisenza Plus device fail |
| ERROR 10X | Lost link with the Xth paired Unisenza Plus device |
| ERROR 201 | Lost link with Domestic Hot Water channel of the Unisenza Plus Receiver |
| ERROR 301 | OT Boiler Fault Code – Service request |
| ERROR 302 | OT Boiler Fault Code – Lockout-reset |
| ERROR 303 | OT Boiler Fault Code – Low water pressure |
| ERROR 304 | OT Boiler Fault Code – Gas/flame fault |
| ERROR 305 | OT Boiler Fault Code – Air pressure fault |
| ERROR 305 | OT Boiler Fault Code – Exceeding max. water temperature |
| ERROR 40X | OT OEM Fault Code – Please check with your OT boiler instruction for error code meaning |

11 MAINTENANCE

Low battery

When the **Unisenza Plus Thermostat** detects low battery,  is displayed. Battery should be replaced as soon as possible.



Replace with new batteries and go through the adaptation process to resume normal operations.

Over-the-air (OTA) software update operation.

The **Unisenza Plus Thermostat** upgrades its software automatically when there is a newer version software available from the server.

A valid connection to the gateway and the Internet is needed to allow the **Unisenza Plus Thermostat** to download the new software image. All device functionality is maintained during the download and the update process, until the device restarts to update the new software. During the update process, the LCD displays the status on the digit with animation. A full digit "8" is displayed after finishing the update.

All settings and paired devices information are retained after the update.

Cleaning



12 MANUAL DOWNLOAD AND UPDATES

Due to the requirement for continuous improvement, we constantly update the user manuals of our systems.

We therefore invite you to periodically check whether the manual in your possession is always the latest written version.

To do this, you can connect to the following **internet address**:

<https://www.purmogroup.com/support>

or by scan the **QR code** displayed below.



13 DISPOSAL AT THE END OF LIFE



Pursuant to art. 13 of Decree-Law No. 49 of 2014 "Implementation of the WEEE Directive 2012/19/EU on waste electrical and electronic equipment".

The mark of the crossed-out bin with a bar specifies that the product was placed on the market after 13 August 2005 and that at the end of its useful life it must not be collected with other waste but must be disposed of separately. All the appliances are made of recyclable metal materials (stainless steel, iron, aluminium, galvanized sheet metal, copper, etc.) in a percentage greater than 90% by weight. Make the equipment unusable for disposal by removing the power cable and any compartment or cavity closing device (if any). It is necessary to pay attention to the management of this product at the end of its life by reducing any negative impacts on the environment and improving the efficiency of the use of resources, applying the principles of "polluter pays", prevention, preparation for reuse, recycling and recovery. Please note that the illegal or incorrect disposal of the product entails the application of the penalties provided for by current legislation.

Information on disposal in Italy

In Italy WEEE equipment must be delivered to:

collection centres (also called waste separation areas or platforms)

the Dealer where you buy new equipment, who is required to accept it free of charge ("one on one" collection).

Information on disposal in European Union countries

The EU WEEE equipment directive has been adopted differently by each country, therefore if you want to dispose of this equipment we suggest you contact the local authorities or the dealer to ask for the correct method of disposal.

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