VIVO / VIVO WIFI

AMBIENT TEMPERATURE & POWER REGULATOR CONTROL

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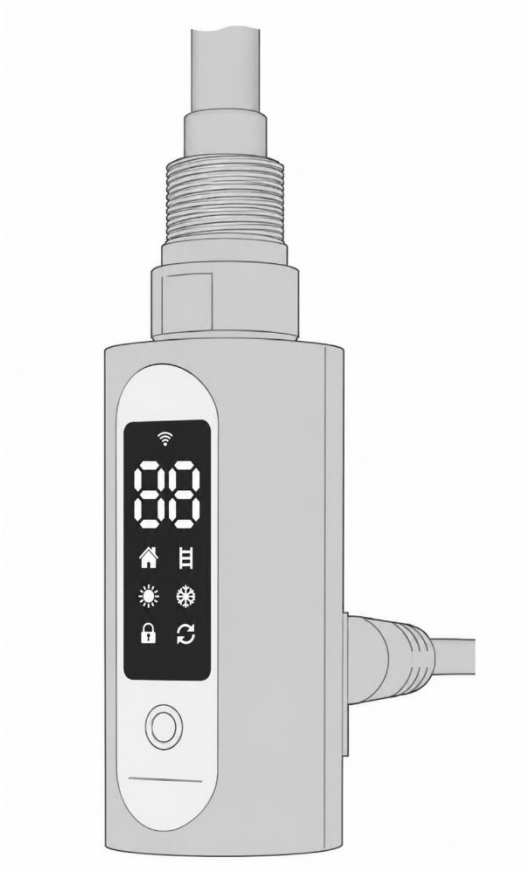
Smart Life



ECODESIGN CONFORMITY ERP 2025 ECO ECODESIGN CONFORMITY ERP 2025

INSTALLATION, OPERATING AND USER MANUAL

⚠ **MAY ONLY BE PERFORMED BY QUALIFIED PERSONS** ⚠

Prior to installing and using the temperature controller, please carefully read this manual and keep it for future reference

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1 GENERAL WARNINGS ⚠

1.1 Disclaimer

The manufacturer declines all responsibility for any inaccuracies in this document due to printing or transcription errors. It reserves the right to make any alterations to its products deemed necessary or useful. The manufacturer will not be held responsible for faults due to incorrect installation.

1.2 Warranty

VIVO / VIVO WIFI is guaranteed against defects in materials and/or workmanship for a period of twenty-four (24) months from the date of purchase.
The guarantee will not be effective if the faults found are ascribable to the Buyer's carelessness and/or if the Products have not been used according to their technical specifications and in the event of wrong maintenance by non-authorized engineers, cleaning with unsuitable procedures or materials, improper storage, handling and transport, or any other circumstances that cannot be ascribed to manufacturing defects for which manufacturer is responsible.
The guarantee of VIVO / VIVO WIFI is not valid in case of improper use or wrong installation.

1.3 Product compliance

APPLICABLE EUROPEAN DIRECTIVES AND STANDARDS
Applicable Directives
2014/53/EU Radio Equipment Directive (RED)
2014/35/EU Low Voltage Directive (LVD)
2014/30/EU Electromagnetic Compatibility Directive (EMC)
2011/65/EU RoHS II Directive, Regulation REACH (EC 1907/2006)
2012/19/EU WEEE Directive
2024/1103/EU EcoDesign

Electric radiator operation is in full compliance with EN 60335-2-30

The seasonal energy efficiency (ηs) of fixed electric heaters with VIVO / VIVO WIFI, per EU Ecodesign Regulation 2024/1103, is 49.47 %.

1.4 General Warnings

- Read the instructions carefully before installing and using the electronic control (hereinafter referred to as VIVO / VIVO WIFI or appliance) and retain the instructions for future reference.

- Installation of VIVO / VIVO WIFI must be performed only by qualified technicians which assume complete responsibility for the definitive installation and consequent good functioning of the product installed.
- Installation must be compliant with all applicable safety regulations and laws, national, regional, provincial and town council Standards present in force in the Country in which the final product has been installed, as well as the instructions contained in this manual. The Manufacturer cannot be held responsible for the failure to comply with such precautions.

1.5 Safety Warnings

- Children of less than 3 years must be kept away unless continuously supervised.
- This appliance can be used by children aged from 8 years or over and by persons with reducedphysical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and they understand the hazards involved. Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- CAUTION — Some parts of this appliance can become hot and may cause burns. Precautions should be taken to ensure that prolonged contact with the el. towel rail cannot occur. Particular care should be taken in confined areas where accidental prolonged contact with the el. towel rail could be more likely to occur. Particular attention has to be given where children and vulnerable people are present.
- WARNING: In order to avoid a hazard for very young children, this appliance must be installed so that the lowest heated rail is at least 600 mm above the floor (see Figure 4 VIVO / VIVO WIFI position) according to EN 60335-2-43.
- IMPORTANT: In order to disconnect the incoming supply for the purpose of isolation during installation and maintenance it is recommended for the distributor’s service fuse to be withdrawn or the circuit breaker at the distribution board to be switched off whilst work is in progress.
- Do not power VIVO / VIVO WIFI on before it has been completely installed in a properly filled towel rail with the electric heating element recommended by the manufacturer
- Check that the electricity supply system is connected through an MCB (Magnetothermic Circuit Breaker) and a high sensitivity current differential and overcurrent relay of 30 mA RCCB (Residual Current Circuit Breaker) connected directly to the socket or connection box in use.
- If VIVO / VIVO WIFI is not fitted with a supply cord with a plug, an omni-pole disconnection from the supply is required, incorporated in the fixed wiring, in accordance with the wiring rules. Switches intended to ensure all-pole disconnection must be directly connected with the supply terminals and must have a contacts distance of at least 3 mm in each pole. The switch intended to ensure all-pole disconnection must be dedicated exclusively to the appliance.
- VIVO / VIVO WIFI is suitable for use on an A.C.~ electrical supply. Before installation check that the supply voltage corresponds with that marked on the electronic control.

- Do not insert metal objects or fingers or any other objects, even temporarily, into the connection areas where VIVO / VIVO WIFI is connected to the towel rail.
- Avoid direct contact of VIVO / VIVO WIFI with any chemical product or alcohol, including the liquid contained in the towel rail.

2 PRODUCT PRESENTATION

VIVO / VIVO WIFI is an electronic ambient temperature controller designed for regulating the thermal power (according to the ambient temperature) of an electric heating element installed in a towel rail configured for drying towels washed in water.

Any other use is strictly forbidden. The type of regulation is PI temperature regulation.

The controller can be without connectivity (VIVO version) or with WIFI connectivity (VIVO WIFI version).
VIVO WIFI use can be remote controlled by Smart Life App to be installed in a smartphone with Apple IOS or Android OS.

VIVO / VIVO WIFI regulates the thermal power of the towel rail according with temperature set point set by user of specific operating mode selected: Water Temperature, Ambient Temperature, Antifreeze, 2H, 4H or Daily Program (or Weekly for WIFI version) modes.

VIVO / VIVO WIFI has an Icons backlighted with Led Interface that allow a clear information communication to end user.

2.1 Functions Description

Main Functions	Description
Water temperature	Heating element is drived in order to regulate water temperature according to configured set point (range 35-65°C)
Ambient Temperature	Heating element is drived in order to regulate ambient temperature according to configured set point (range 15-30°C) If water temperature is higher than 65°C heating is disabled until water temperature drops below 60°C
2H	Heating element at full power for a configured limited time for 2H checking that water temperature does not exceed 70°C If water temperature is higher than 65°C heating is disabled until water temperature drops below 60°C
4H	Heating element at full power for a configured limited time for 4H checking that water temperature does not exceed 70°C If water temperature is higher than 65°C heating is disabled until water temperature drops below 60°C
Antifreeze	Heating element is ON when ambient temperature is lower than 7°C in order to avoid liquid freeze (range 7-15°C)

Daily Program (or Weekly for Wi-Fi version)	Heating element is drived in order to regulate ambient temperature according to configured set point and configured time slot (it is possible configure all the day or all the day of the week for Wi-Fi version with up to 1 hour of resolution). Factory Configuration: Heating function is OFF for every time slot of the week, with antifreeze function active with temperature limit at 7°C.

Secondary functions (only BASIC version)	**Description**
Open Window	When this option is enable heating function is stopped if there is a ambient temperature degree with rate higher than 0,4°C / min (2°C within 5 minutes). The heating function is restored if ambient temperature stops to decrease for at least 2 minutes.
Child Lock	Buttons are disabled.
Temperature Compensation	Temperature Compensation Offset to adjust temperature regulation according to room dimension. Range: -9 to 9°C or -9 to 9°F
Factory Reset	If ON is selected thermostat is reset at first power on state. Hour and Minutes Set menu is displayed.

Diagnostic functions	**Description**
Temperature Sensor broken or disconnected	If Ambient Temperature Sensor broken or disconnected triangle Er is displayed and heating is always OFF. If Water Temperature Sensor broken or disconnected triangle EF is displayed and heating is always OFF. If both Water Temperature Sensor and Ambient Temperature Sensor are broken or disconnected triangle EE is displayed and heating is always OFF.
Over heating	If water temperature exceeds 85°C OH is displayed and heating is always OFF until water temperature drops below 60°C.

3 SYMBOLS AND GLOSSARY

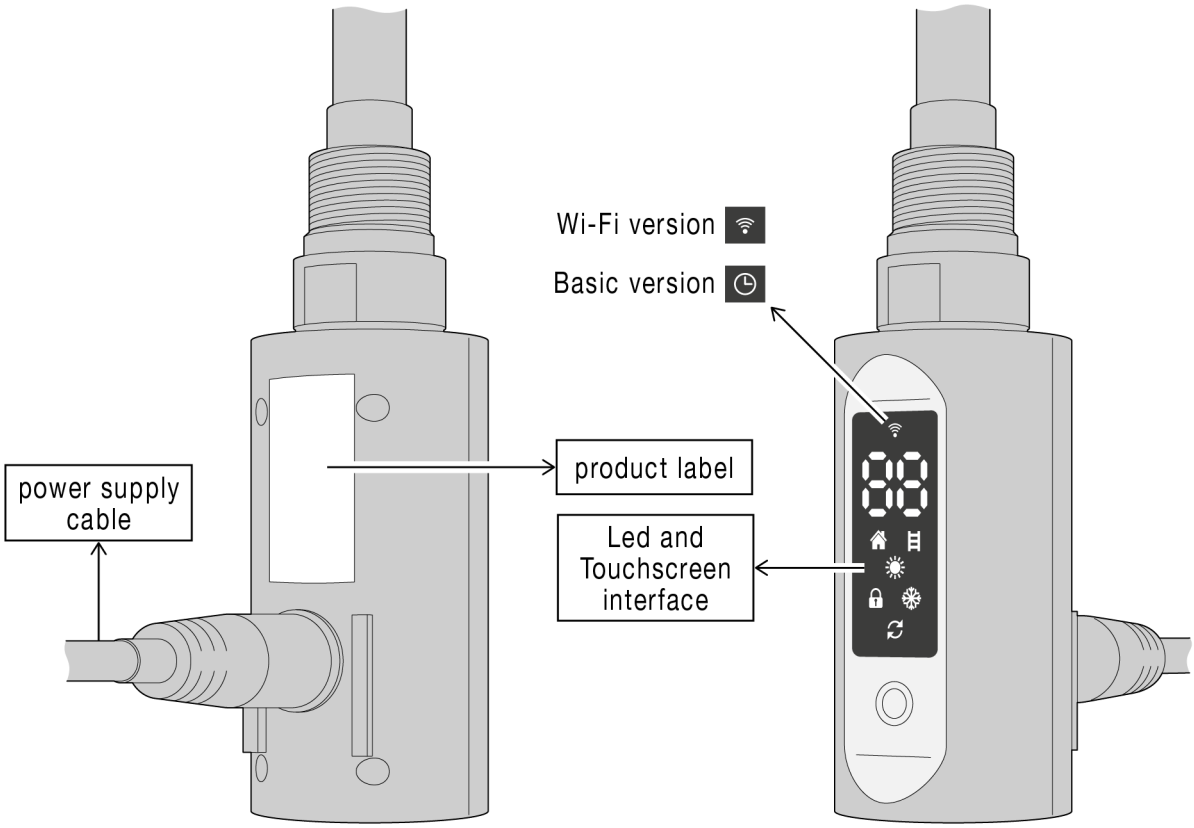
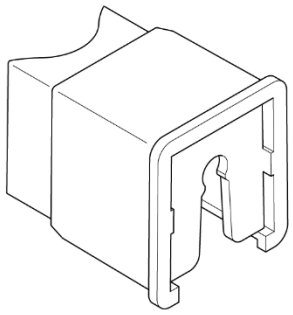


Figure 1: ***Components of Vivo / Vivo WIFI regulating box (front and back view)***

Component	Description
Led and Touchscreen Interface	Capacitive touch screen interface displaying by Led signals current system status
Power supply cable	Power Cable with plug or without plug

INCLUDED ELEMENTS

Element	Description

Cable cover	Cable cover can be used to cover power supply cable (maximum extension length: 73 mm)	

4 TECHNICAL SPECIFICATION TABLES

VIVO / VIVO WIFI and the electric heating element power must be carefully selected in proportion to towel rail size and thermal output.
To select VIVO / VIVO WIFI and the heating element electrical power, please refer to the towel rail manufacturer instructions, when a certification related to the complete system (according to EN 60335-2-43) issued by an European recognized institute (like SEMKO, VDE, IMQ…) is available. The installer shall verify that VIVO / VIVO WIFI System operates in conformity with Table 2.
VIVO / VIVO WIFI must be assembled with the heating element supplied by the manufacturer to guarantee the IPX4 protection level.

Electric heating element

Power (W)	400	600	800	1000	1200
Length (mm)	480	680	820	980	1150

Table 1

VIVO / VIVO WIFI	
Power supply	230 V +/-10% AC 50 Hz
Max power	1200 W
Insulation class	Class I
Colours and finishing	White - Metal - Black - Silver
Consumption in standby mode	< 0.3W (for VIVO BASIC) < 2W (for VIVO WIFI)

Dimensions	Control: 42.5 x 40 x 83 mm Heating Element: min 280 mm max 820 mm
Protection rating	IPX4
Maximum altitude above sea level	2000 m
Operating ambient temperature	0 °C ÷ 40 °C
Storage temperature	-10 °C ÷ 70 °C
Max Humidity Level	RH 85 % at 25 °C (without condensation)
Operating Modes	Water Temperature Ambient Temperature Antifreeze 2H, 4H Timers Daily (Weekly for WIFI version) Program Time View (only BASIC Version)
Secondary Functions (Only BASIC version)	Open Window Child Lock Temperature Compensation Timing Factory Reset
User Interface	n°5 Icons + 2 digits backlighted with led, 3 touch buttons and Buzzer
Connectivity (available only for VIVO WIFI version)	2.4 GHz WIFI

Table 2

5 INSTALLATION – QUALIFIED TECHNICIANS ONLY

ALL ELECTRICAL INSTALLATION WORK MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN

Read the general warnings and safety warnings before installation.
IMPORTANT: Always disconnect the electricity supply from the mains during installation and maintenance. It is recommended that the fuse is withdrawn, or circuit breaker switched off at the distribution board while work is in progress (turning off the switch is not sufficient).

During installation, de-installation and maintenance, ensure working place safety until the operation is completed.

5.1 Before you start

- Avoid collisions during the handling. Do not deform VIVO / VIVO WIFI.
- Avoid the contact of cables and of parts of the VIVO / VIVO WIFI with sharping corners and do not cause squashing.
- Do not subject the cables to traction. Do not apply concentrated pressures on the VIVO / VIVO WIFI surface.
- Any contact between plastic parts of VIVO / VIVO WIFI and chemical products or alcohol (including the water or the mixture water+ glycol inside the tower rail) must be avoided.
- Check the pack to ensure you have all of the parts listed at paragraph 3 with no visible signs of damage. Make sure that VIVO / VIVO WIFI parts are completely dry and have no defects. If any of the part is missing or appears damaged, you should return the device to the point of purchase.
- Check that you have the correct size of electric heating element and of VIVO / VIVO WIFI for your towel rail. It is essential that the correct sized electric heating element and VIVO are installed in line with the recommendation stated on the packaging or instruction of your towel rail CERTIFIED BY A EUROPEAN RECOGNISED APPROVAL INSTITUTE. IF YOU ARE NOT SURE OF THAT, PLEASE REFER TO CONTACTS SECTION.
- When you are ready to start, make sure that you have the right tools at hand, plenty of space and a clean dry area for assembly.
- Installation must be carried out in accordance with current standards and laws in force in the country in which the system is installed.
- Before installation, never switch the VIVO / VIVO WIFI on to verify functioning effectiveness.
- Make sure that the towel rail female ½" thread is sufficiently deep (minimum 10mm) in order to secure a watertight gasket.
- Don't use the VIVO / VIVO WIFI regulating box to lean the electrical towel rail on the floor as you can damage the plastic housing and water can penetrate inside with a risk of electrical shock.

5.2 Towel Rail Warnings

- The electric radiator with regulator use is intended only for heating rooms in the home. Any other use is forbidden.
- The heating element must be fitted in the towel rail before mounting the rail to the wall.
- The towel rail has to be mounted parallel to the wall using the brackets recommended by the towel rail manufacturer.
- It is recommended to use in any installation (*Electric only* and *Dual fuel*) a self relief pressure valve (like a 3 Bar valve) on the top part of the rail in the opposite side where

the VIVO / VIVO WIFI is installed. In case of valve intervention, it is quite normal for liquid relief and water excess to possibly reach the floor. Please, take this aspect into consideration.

- In Electric only VIVO / VIVO WIFI installation, fill the towel rail with certain percentage of water according to the towel rail manufacturer instructions. In case of missing instructions, we recommend to fill the towel rail approximately 90% with approximately 90% pure water and glycol mixture.
- In Electric only VIVO / VIVO WIFI installation the towel rail must have a sufficient air gap to allow for water expansion.
- Making sure that the VIVO / VIVO WIFI heating element is completely immersed in water.
- In case of *Dual fuel* installation, a T-piece of 40mm maximum length (male thread excluded) is required: we recommend to wrap a small quantity of PTFE tape around the heating element thread and the T-piece thread.
- All metallic parts of the electrical towel rail fitted with VIVO / VIVO WIFI and powered must not exceed the temperature limits according to the applicable standard also in case of VIVO / VIVO WIFI continuously powering the electric heating element.
  For all other aspects, refer to EN 60335-1 and EN 60335-2-30.

5.3 Power supply Warnings

- Do not connect VIVO / VIVO WIFI to the power supply until the installation into a properly filled towel rail is completed.
- Make sure that the power lines are appropriate for the load required according to technical specification tables (see part 4).
- *Class I.* VIVO / VIVO WIFI (with yellow-green wire or earthed plug) must ONLY be connected to sockets or connector blocks with earthed contacts according to national standards and wiring regulations in force
- Protect the electricity supply with an RCCB (Residual Current Circuit Breaker) device.
- The electrical heating element must be connected to a suitable electricity supply by way of the cable provided. This should be via a fused spur in accordance with the IEE Wiring Regulations. If sited in the bathroom, the Fused Connection Unit must be located out of reach of persons using the basin, shower or bath. If in doubt, consult a qualified electrician.

VIVO / VIVO WIFI supply cord

WITH plug
The socket and electricity supply must be appropriate for the required power. Do not use extensions.

The socket must be compatible with the VIVO / VIVO WIFI supply cord plug. Do not use adapters.

5.4 VIVO / VIVO WIFI position

VIVO / VIVO WIFI must be fitted into the towel rail BEFORE mounting the towel rail to the wall.

5.4.1 TOWEL RAIL POSITION

- The bathroom radiator must be installed on a completely vertical wall.
- Use manufacturer-recommended brackets to mount the radiator parallel to the wall.
- The VIVO / VIVO WIFI regulator must not be placed within reach of people using the sink, shower, or bathtub.
- Radiators equipped with a VIVO / VIVO WIFI regulator must be installed at minimum in bathroom zone 2, following IP rating requirements and current electrical standards (For zone definitions as per IEC 60364-7-701 – see Figure 3). If in doubt regarding the correct installation zone, consult the relevant public authority.
- Do not install the VIVO / VIVO WIFI regulator in a bathroom radiator located in ZONE 0 or ZONE 1.
  Any other placement must be approved and tested by a qualified technician.
- The IPX4 protection rating for the regulator + heating element assembly is only guaranteed when there has been complete and professional installation.

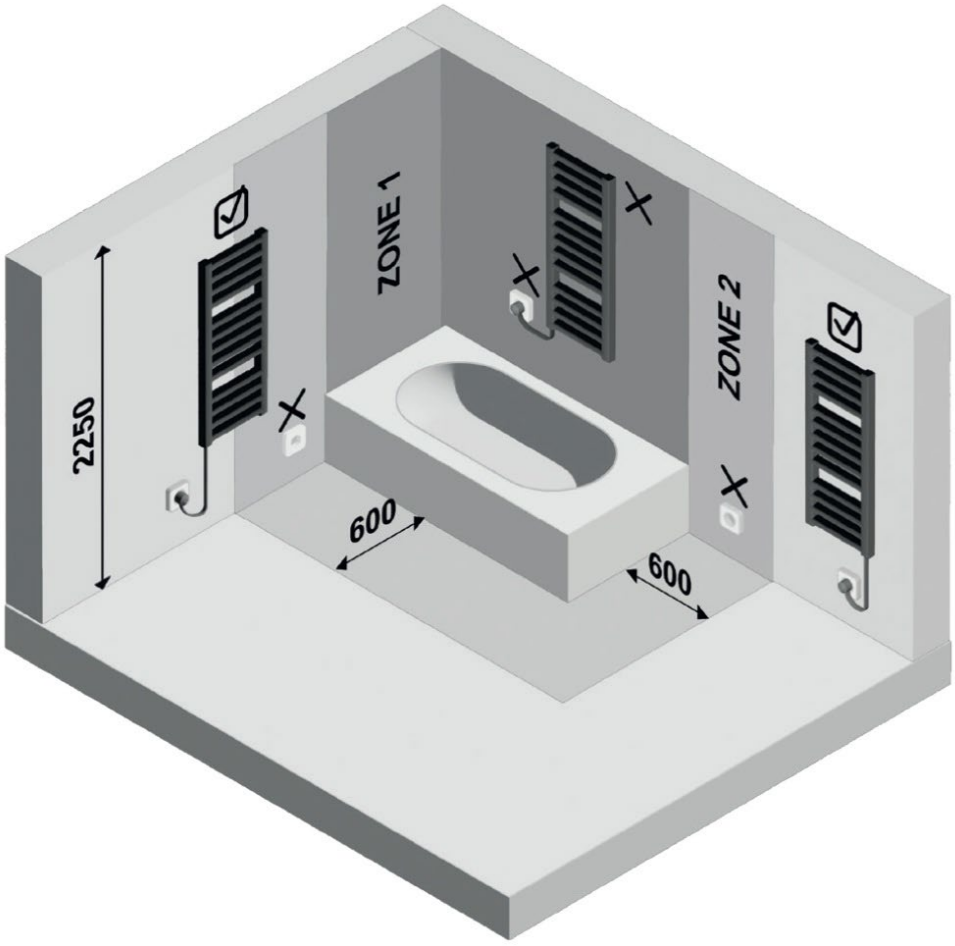


Figure 3

5.4.2 SUPPLY CORD POSITION

The supply cord must be connected to a proper socket or to a non-switched fused spur (without an intermediate plug for VIVO / VIVO WIFI supplied without plug) which must be at least 25 cm from the floor according to the wiring regulations in force in the country where the installation is carried out. Figure 4 shows examples of positioning of the system.

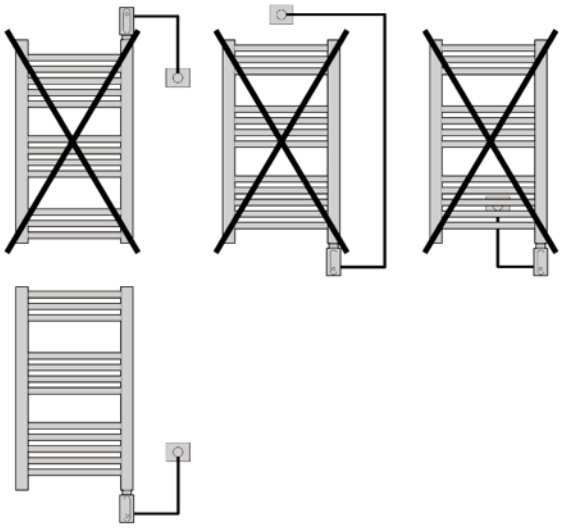


Figure 4 VIVO / VIVO WIFI positioning

5.4.3 VIVO / VIVO WIFI REGULATING BOX POSITION

- VIVO / VIVO WIFI must only be fitted vertically in the bottom part of the towel rail.
- Electrical towel rail must NOT be installed with the VIVO / VIVO WIFI regulating box located at the top. This can seriously damage the control box and create a dangerous situation with a risk of fire.
- VIVO / VIVO WIFI must be installed at distance of 40 mm (minimum) and 80 mm (maximum) from the wall. Figure 5 shows the optimal positions for the VIVO / VIVO WIFI.

  Any other position is the responsibility of the installer and must be tested.

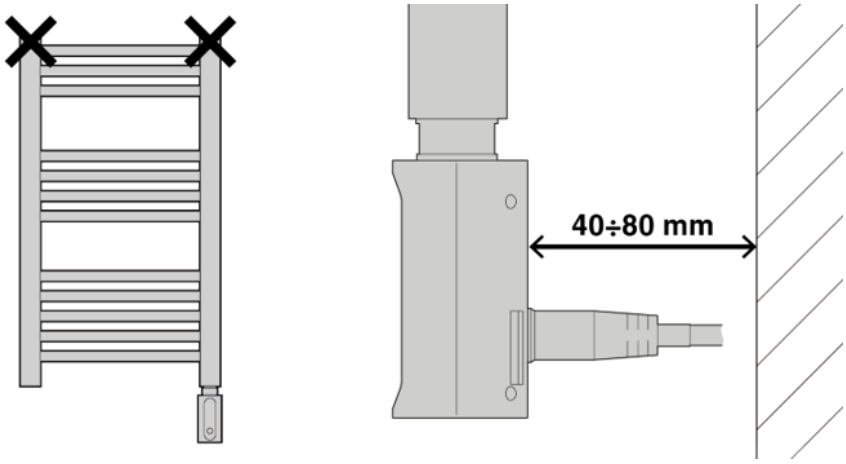
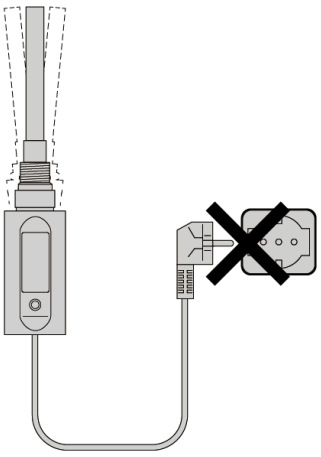


Figure 5 VIVO / VIVO WIFI positioning

5.5 VIVO / VIVO WIFI installation

VERIFICATIONS BEFORE INSTALLATION

- Switch off the mains. Do not connect VIVO / VIVO WIFI to the power supply until the installation into a properly filled towel rail is completed.
- Make sure that the towel rail can have the VIVO / VIVO WIFI on the bottom side.



It is recommended to use in any installation a self relief pressure valve (like a 3 Bar valve) on the top part of the rail in the opposite side where the VIVO / VIVO WIFI is installed. In case of valve intervention, it is quite normal for liquid relief and water excess to possibly reach the floor. Please, take this aspect into consideration.

TOWEL RAIL

ELECTRIC ONLY

TOWEL RAIL FILLING

- Reverse the empty towel rail carefully leaning it on a soft cloth surface
- Fill the towel rail with a certain percentage of water according to the towel rail manufacturer instructions. In case of missing instructions, we recommend to fill the towel rail approximately 90% with water to allow for expansion; filling should be completed very slowly to avoid air pockets in the radiator. The electric heating element (connected to VIVO / VIVO WIFI and fitted into the towel rail) will need to be completely immersed in water. Addition of glycol and possibly an inhibitor is recommended, as part of this percentage mix.

For all other aspects, refer to EN 60335-1 and EN 60335-2-43.

DUAL-FUEL

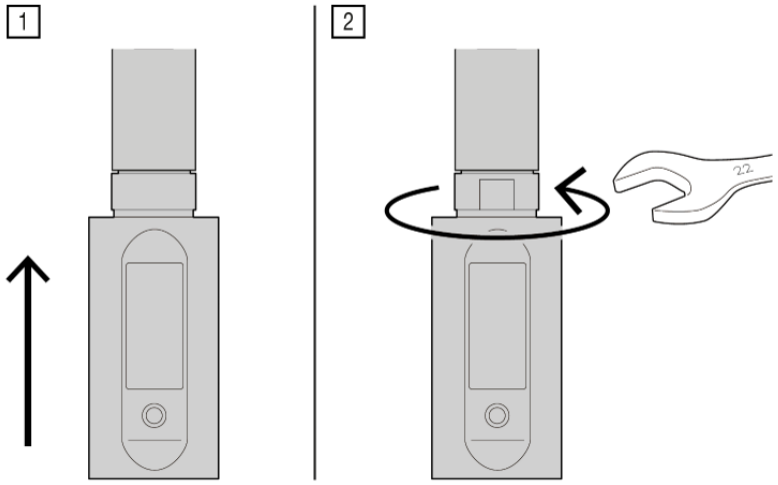
T-PIECE INSTALLATION

In case of 'Dual fuel' installation, a T-piece of 40 mm maximum length (male thread excluded) is required. Make sure you are installing VIVO / VIVO WIFI on the water supply thermostatic valve side.

Insert the T-piece into the heating element, screw and tighten it firmly. Do not use tools.

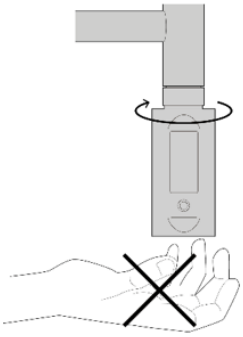
- Alternatively, instead of a T-piece, a thermostatic valve specifically designed for combined (dual fuel) heating systems can be used.

1. CONNECTION AND COUPLING
   - Push the heating element into the towel rail. Ensure all threaded joints are wrapped with PTFE tape and O-ring is present on the element thread.
   - Tighten the element at the main nut, using a size 22 spanner. Ensure the rubber O-ring, above the main nut, makes a firm seal between the towel rail and the element. This prevents leakage after installation.



2. TOWEL RAIL INSTALLATION

If the display is facing the wall after tightening the heater, always adjust the heating element by turning it anti-clockwise with the 22mm spanner. The seal is designed to adjust to a certain amount of releasing without starting to leak.



- Install properly the electrified towel rail with the VIVO / VIVO WIFI into the wall according to towel rail manufacturer instructions.

3. CONNECTION TO THE MAINS

a. Connect the VIVO / VIVO WIFI cable to the mains power according to current wiring regulations in force in the country where the product is installed. Make sure that the power lines are appropriate for the load required.
b. Activate the electric element in 2H Timer mode and check the fluid level in the towel rail after approx. one hour.
c. Check electric strength on the appliance after fitting VIVO / VIVO WIFI to the electric towel rail according to the instructions in Appendix A of EN60335-1: “Routine tests”.
d. Check earthing continuity on the appliance after fitting VIVO / VIVO WIFI to the electric towel rail according to the instructions in Appendix A of EN60335-1: “Routine tests”.

5.6 Cleaning

To clean VIVO / VIVO WIFI, use only a dry and clean soft cloth.
Make small locally round movements.
Apply a light pressure especially to the chrome plastic surfaces to avoid potential scratches.
Do not clean VIVO / VIVO WIFI with aggressive products.
Do not wet VIVO / VIVO WIFI in an attempt to clean it. Do not immerse in water.
When cleaning VIVO / VIVO WIFI, it must be disconnected from the power supply.

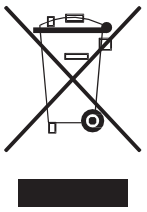
5.7 Uninstalling VIVO / VIVO WIFI

ALL ELECTRICAL WORK SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.

Do not touch the metallic parts of VIVO / VIVO WIFI if it is powered; before maintenance and de-installation operation wait the necessary time to ensure it is cold after it is switched off.

During installation, de-installation and maintenance, ensure working place safety until the operation is completed.

5.8 Notes for disposal of VIVO / VIVO WIFI valid for the European Union



The crossed-out wheeled-bin symbol on the towel rail to which VIVO / VIVO WIFI is installed, reminds you that in the European Union all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste. Return the products to collection to prevent possible harm to the environment or human health from uncontrolled waste disposal and to promote the sustainable reuse of material resources. Collection information is available from the product retailer, local waste authorities or national producer responsibility organizations. For more information, see product country-specific information.

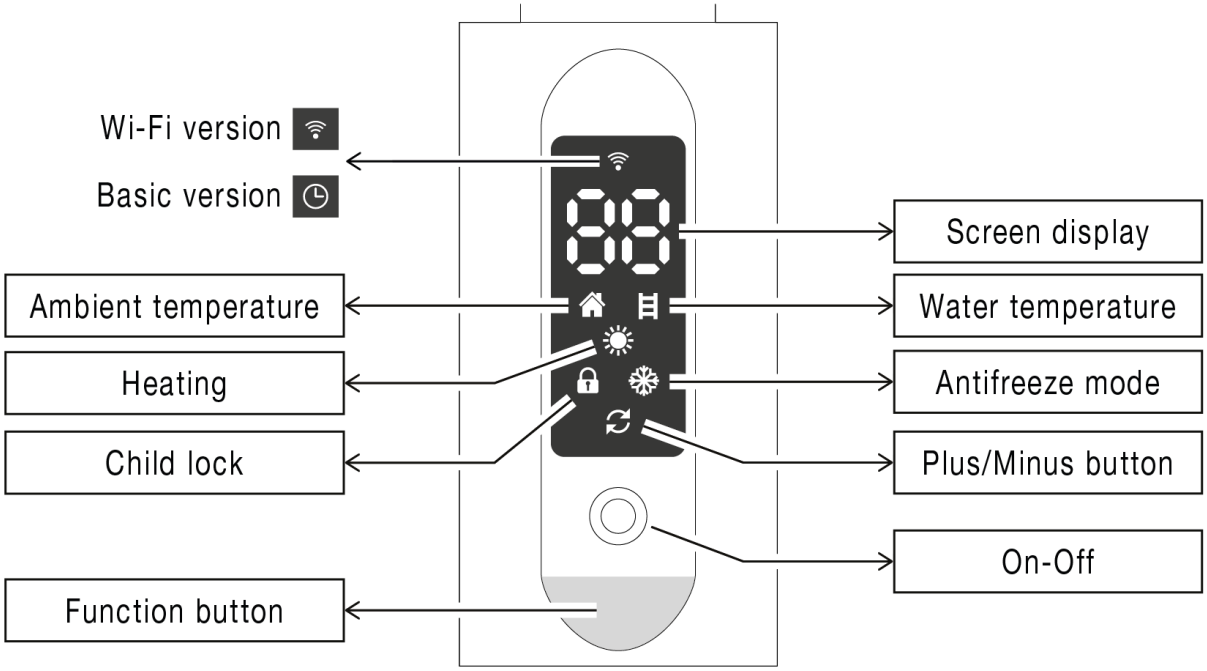
6 USE AND FUNCTIONING

All uses different from the ones described in this section are to be intended as improper usage. In case of doubts refer to the seller.

- VIVO / VIVO WIFI is intended to be used and installed into a towel rail. Any other use is strictly forbidden and potentially dangerous.
- do not switch on VIVO / VIVO WIFI unless the heating element is properly immersed in the liquid inside the towel rail.
- VIVO / VIVO WIFI is intended to work only if the electric heating element - connected to VIVO / VIVO WIFI and fitted into the towel rail - is completely immersed in the liquid (water) inside the towel rail.
- VIVO / VIVO WIFI is designed for use with water or water+glycol filled towel rails.
- Do not use VIVO / VIVO WIFI before it has been completely and correctly installed. If VIVO / VIVO WIFI is not firmly fixed to the towel rail, disconnect the mains turning off the circuit breaker switch and contact the manufacturer in order to avoid hazard.
- Do not cut the power supply cable to stop regulation or to switch VIVO / VIVO WIFI OFF.
- VIVO / VIVO WIFI regulating box MUST NOT be disconnected from the heating element.
- Do not cover VIVO / VIVO WIFI, even partially, even temporarily.

7 CONTROLLER FUNCTIONS

7.1 VIVO / VIVO WIFI buttons maps

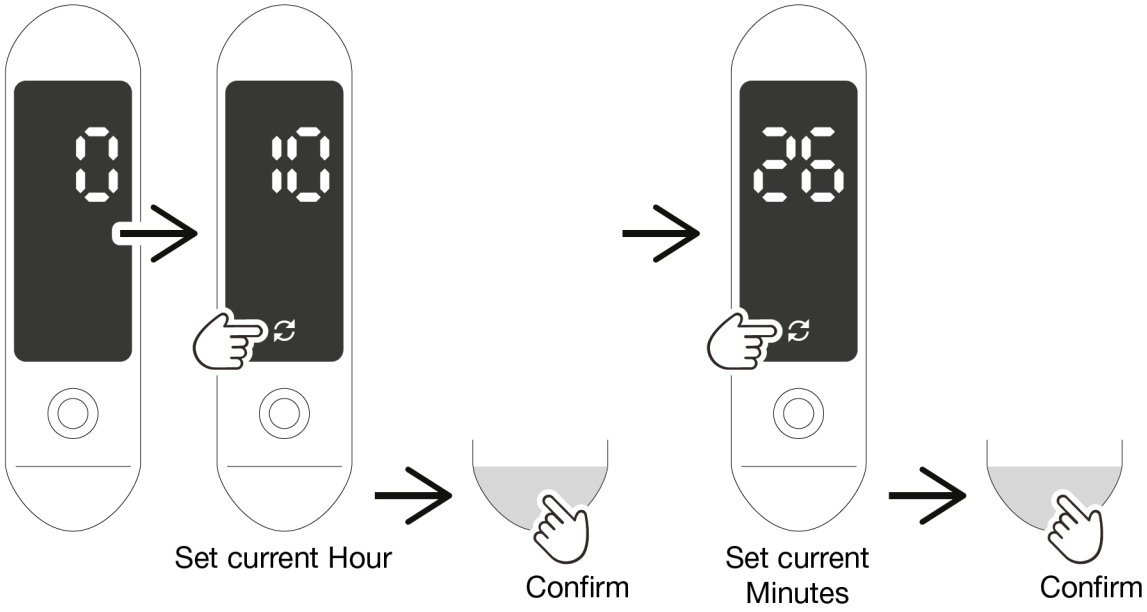


Short press

Long press

7.2 Power On (only BASIC version)

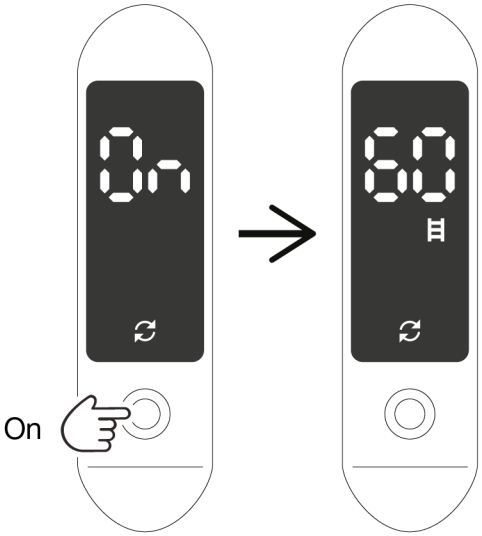
Every start	Set Hour and Minutes



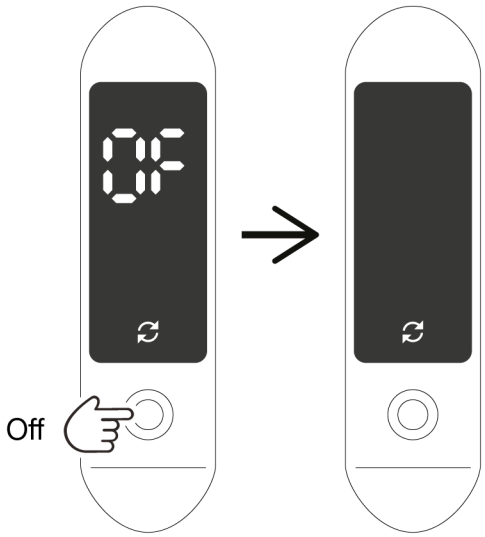
Note:
For the VIVO WIFI version, this step is not required because the time and date are automatically updated from the internet once the control is paired with the App.

7.3 Standard functions ON-OFF

ON	If controller is OFF (standby mode) Tap ON-OFF button to switch on the controller.

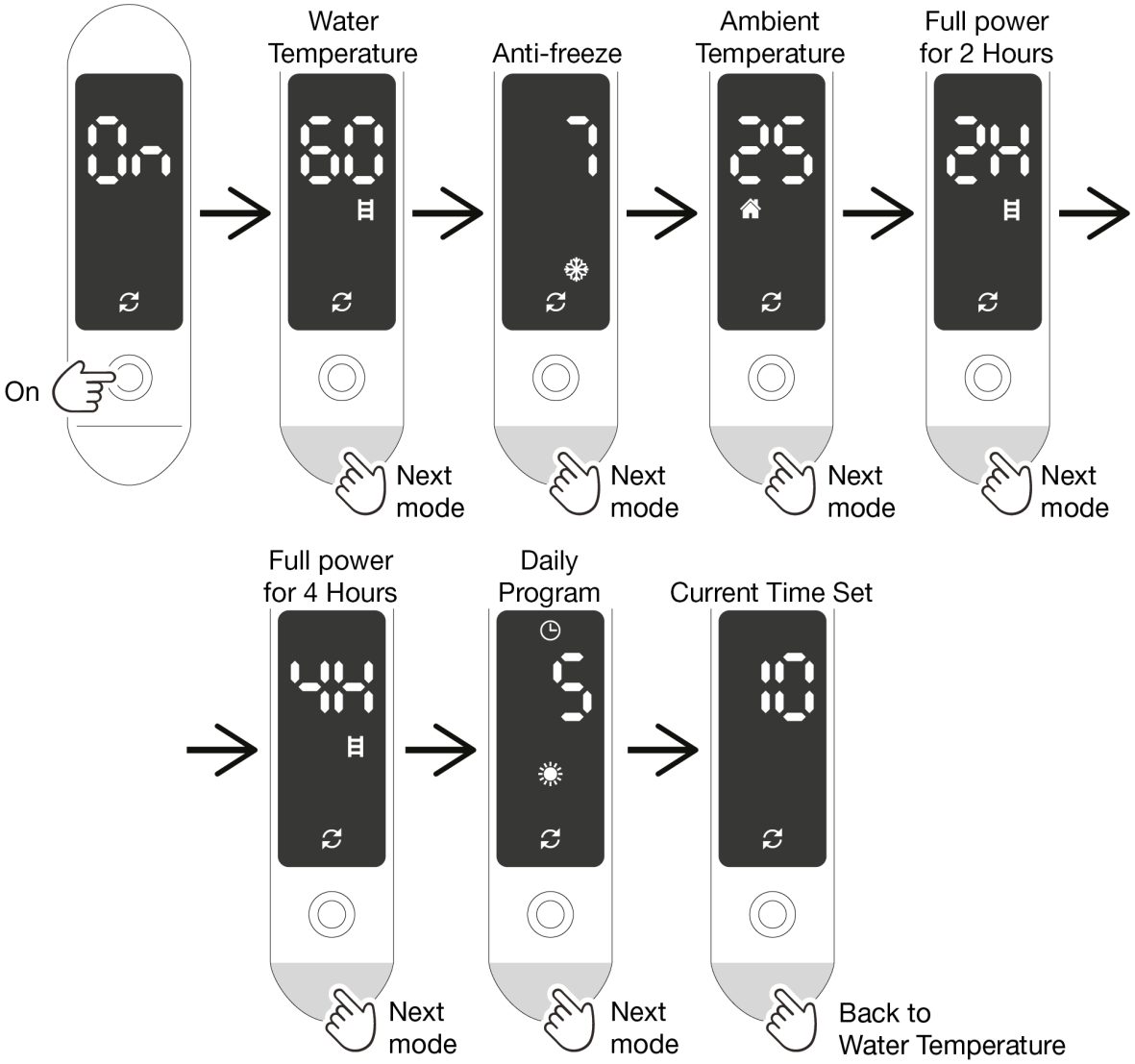


OFF	If the controller is ON Tap ON-OFF button to switch off the controller.



7.4 Mode selection

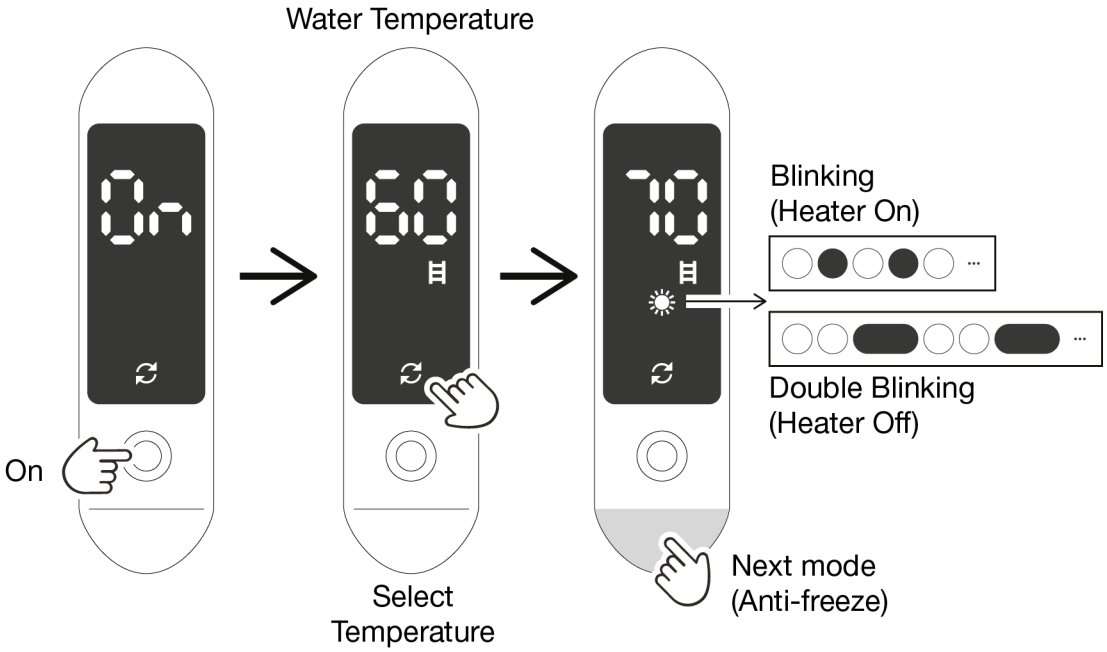
ON	Tap ON-OFF button to switch on the controller.
Function button	To switch between the operating modes.

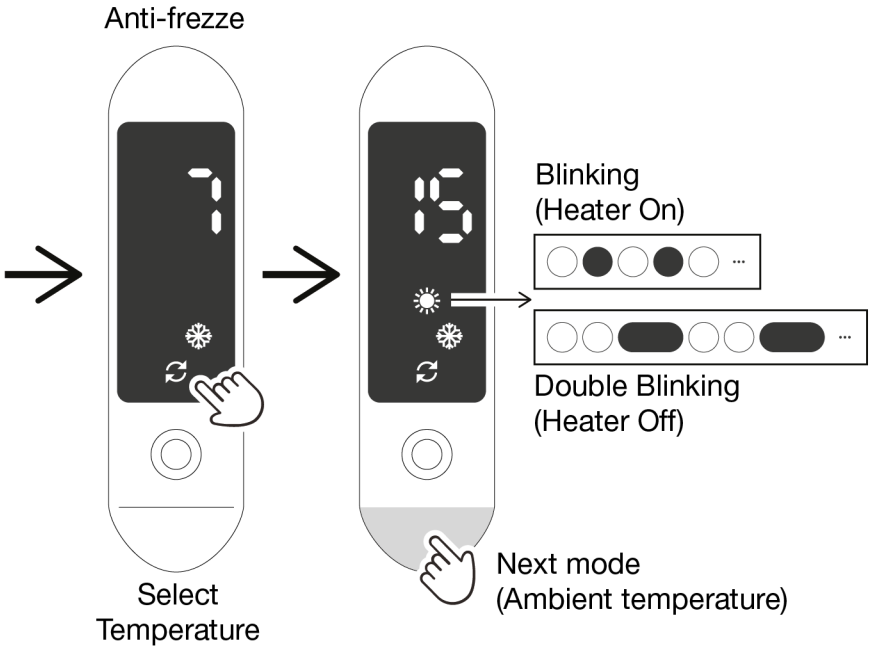


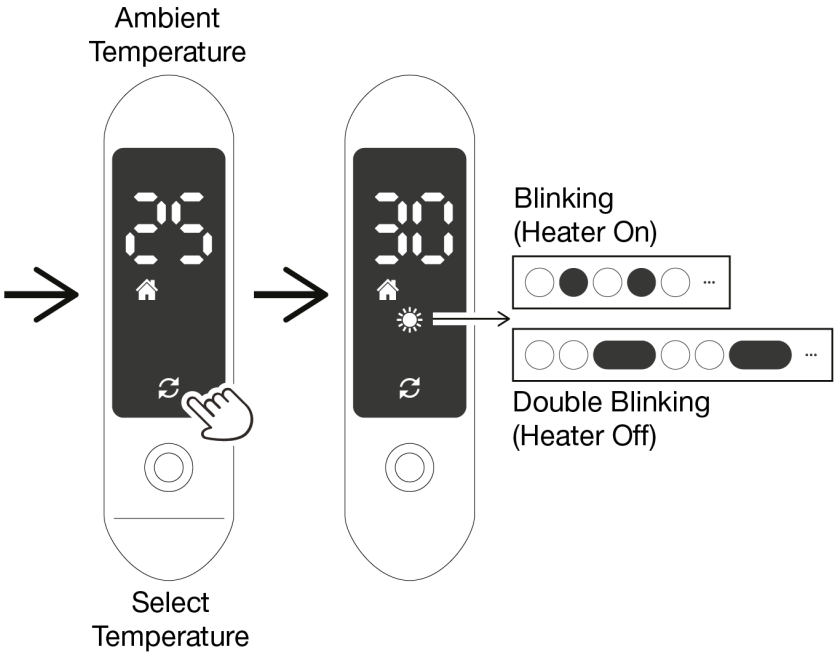
Mode	Temperature setting
Water Temperature	35-65°C
Anti-freeze	7-15°C
Ambient Temperature	15-30°C
2H / 4H Timers	Full power (2 or 4 hours)
Daily Program (only BASIC version)	15-30°C for every daily hours
Current Time Set (only BASIC version)	Current Hour and Minutes are displayed alternatively

7.5 Water Temperature, Anti-freeze and Ambient Temperature Mode editing

ON	Tap ON-OFF button to switch on the controller.
Function button	Tap function button to select Water Temperature, Anti-freeze or Ambient Temperature mode.
Tap plus/minus button to select temperature set point of selected operating mode.	


Water Temperature
On
Select
Temperature
Blinking
(Heater On)
Double Blinking
(Heater Off)
Next mode
(Anti-freeze)

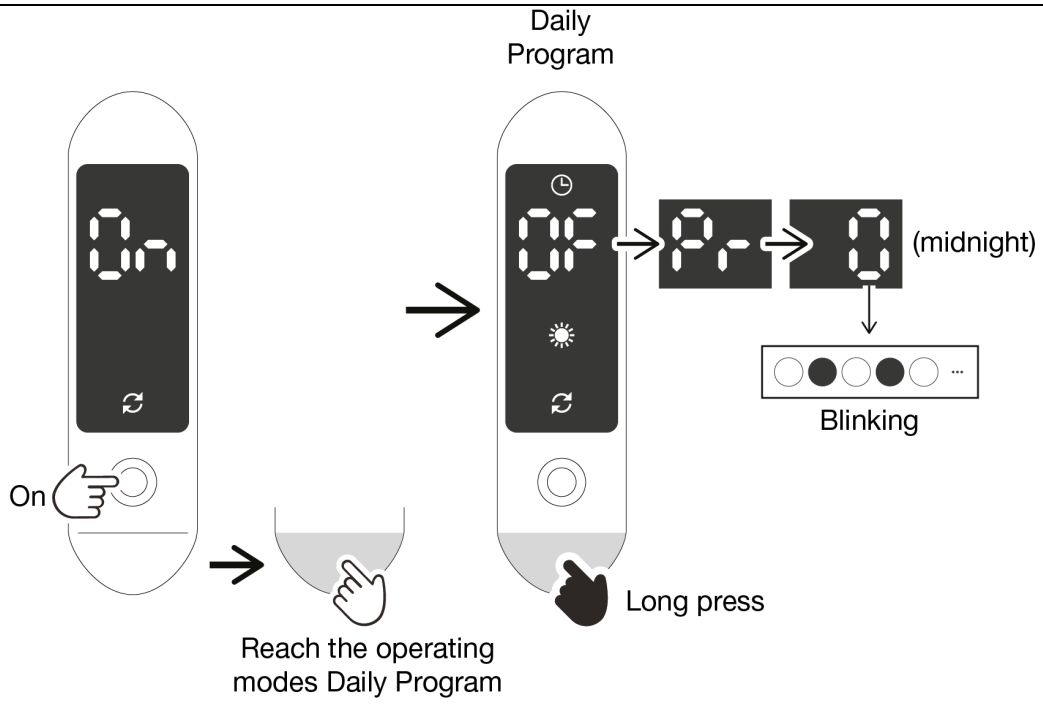

Anti-frezze
Select
Temperature
Blinking
(Heater On)
Double Blinking
(Heater Off)
Next mode
(Ambient temperature)

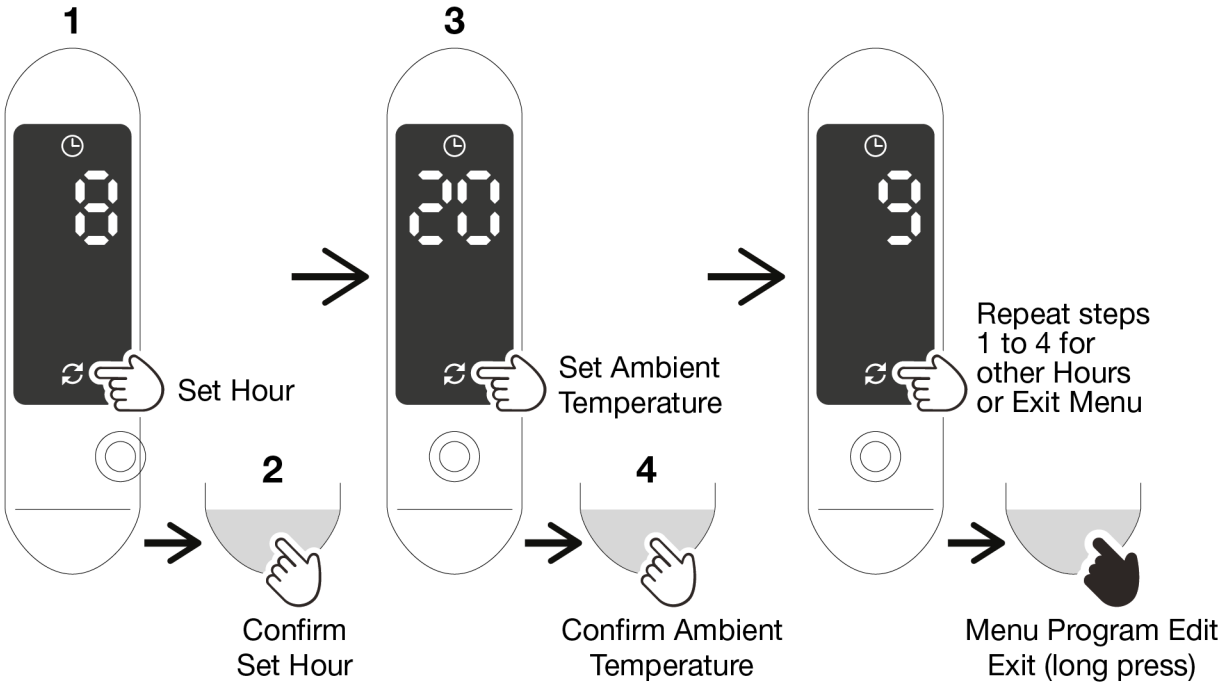


7.6 Daily Program Edit (only BASIC version)

ON	Tap ON-OFF button to switch on the controller
Function button	Tap function button to reach the operating modes Daily Program

If you **don't press any button for 3 minutes** the timing process program will exit without saving.
To **save your changes,** please follow the steps until Function Button is long pressed. If Function Button is pressed you exit from Program Edit Menu with Daily scheduling saved.
Factory configuration: Heating Function is OFF for every time slot of the day with antifreeze function enabled with temperature limit at 5°C.





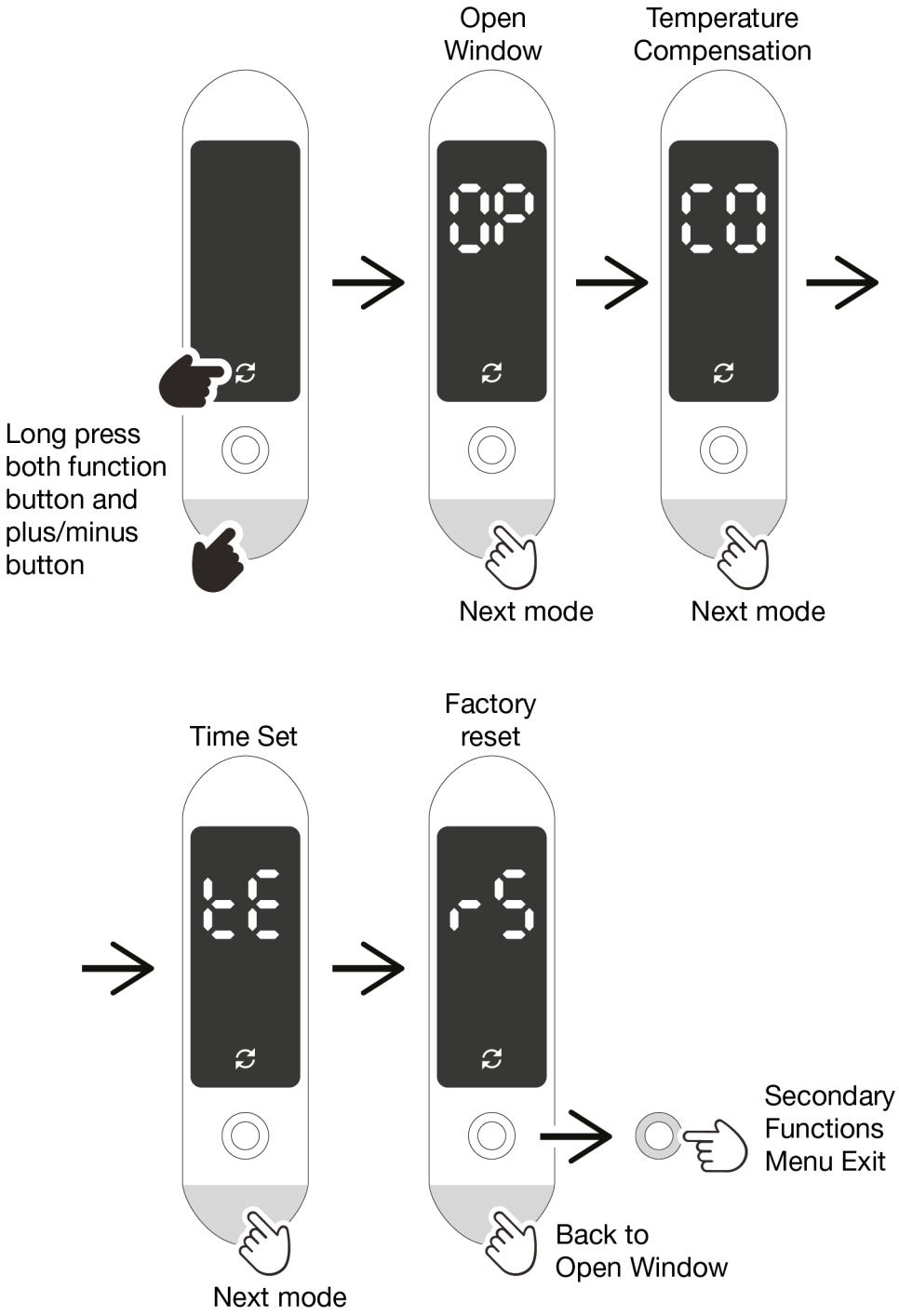
Daily Program refers on Temperature Set point scheduling for Ambient Temperature Regulation

Note: For the Wi-Fi version, the Weekly Program Edit menu is available only in the App.

Note: Temperature Set Point is set for each hour selected.

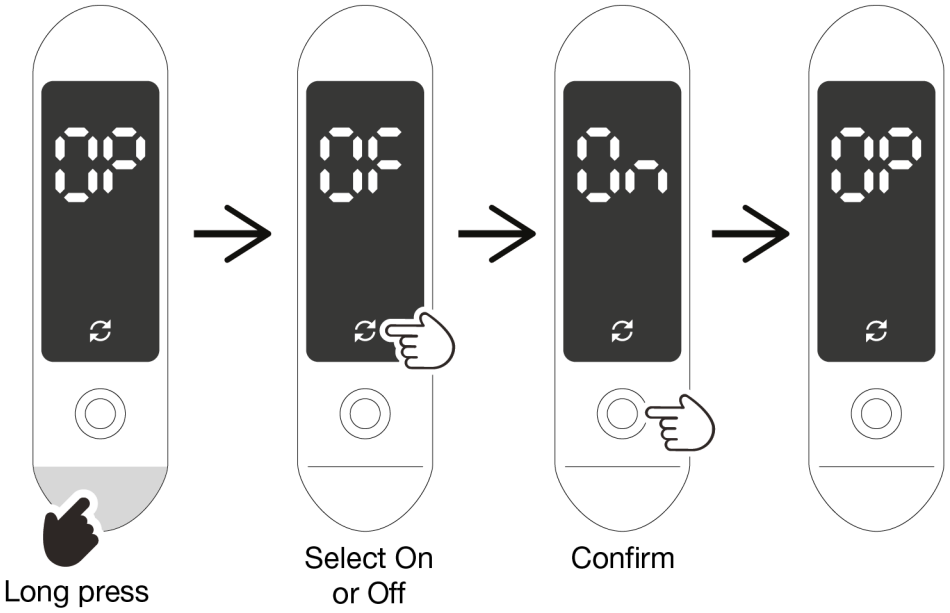
7.7 Secondary Functions VIVO (only for BASIC version)

Function button + plus/minus Button	Long press both function button and plus/minus button to reach secondary functions menu
Function button	To switch between the secondary functions modes. To Esc from Secondary Functions Menu press ON/OFF Button.

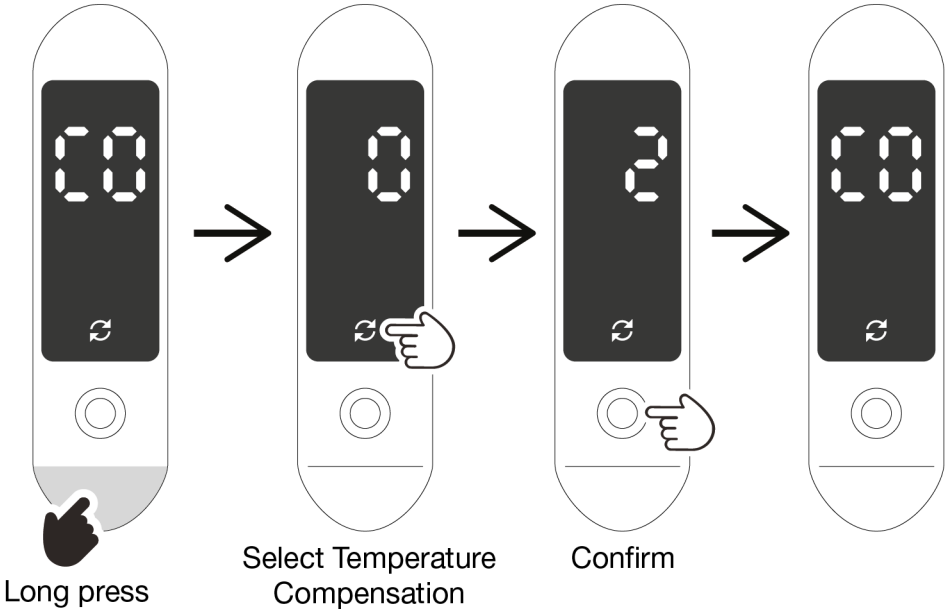


Note: For the Wi-Fi version, the Secondary Functions menu is available only in the App.

7.8 Open window

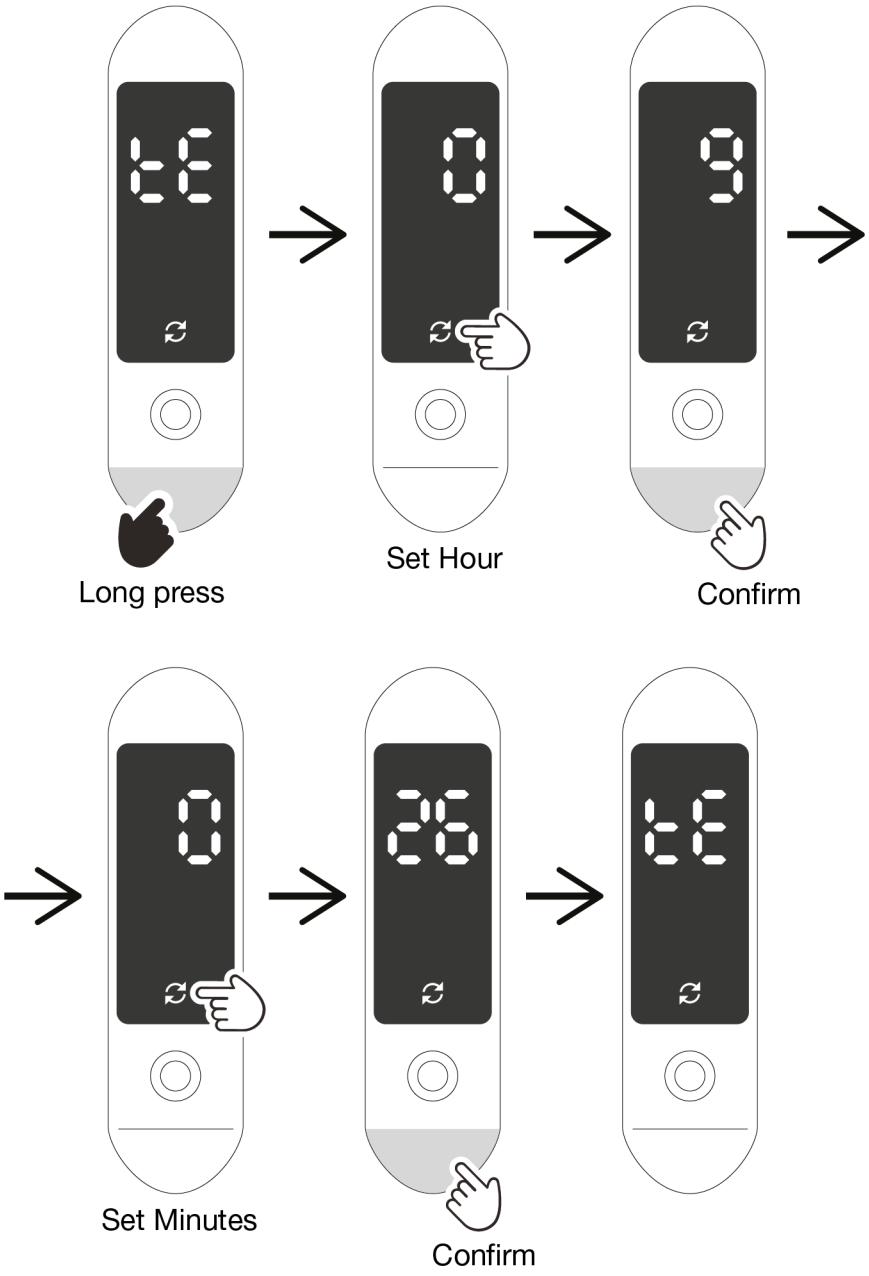


7.9 Temperature Compensation

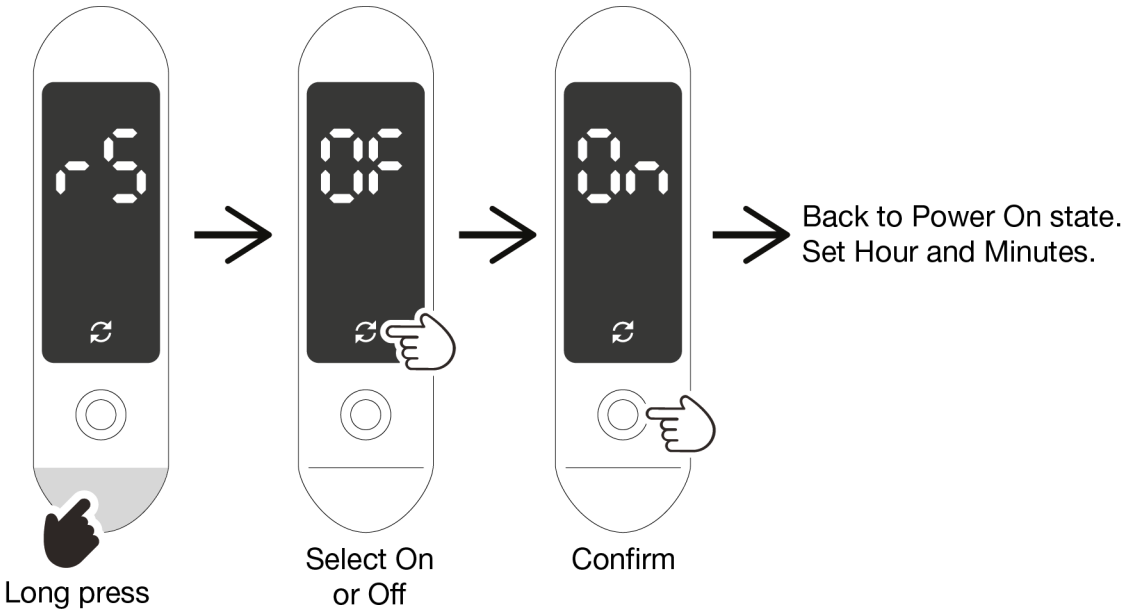


Mode	Temperature setting
Temperature Compensation	-9 … +9°C

7.9.1 Time Set



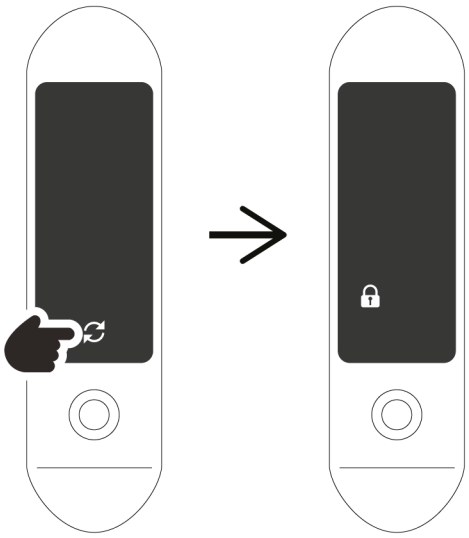
7.9.2 Factory reset



Note:
If ON is selected, VIVO / VIVO WIFI is reset at first Power On state. Hour and Minute Set menu is displayed. See par. 7.2.

7.9.3 Child Lock

Lock function	Disable all the Buttons until plus/minus button is long pressed.
Long press the plus/minus button to activate the lock function.	

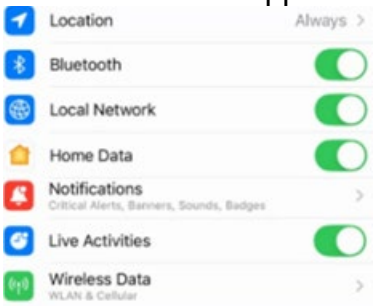


Long press

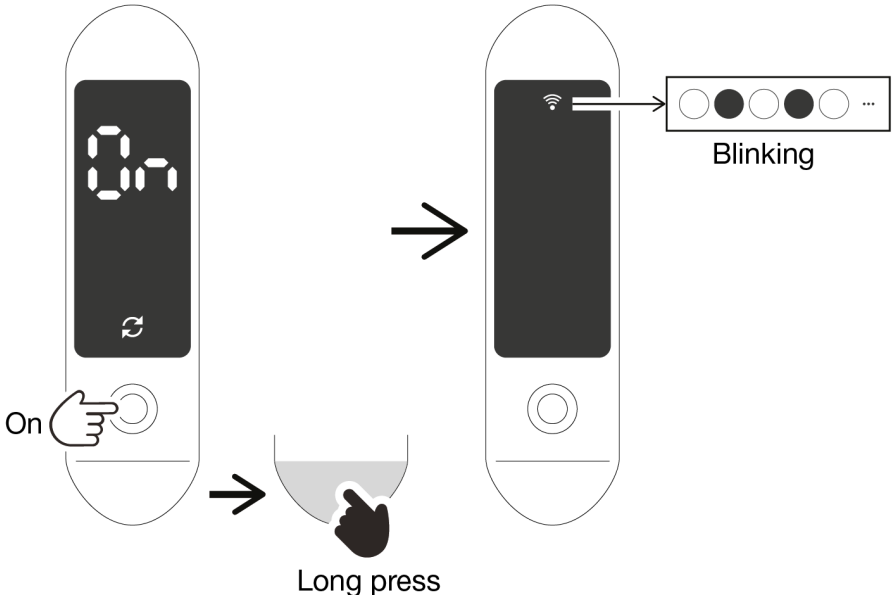
7.10 WIFI pairing Procedure (only for VIVO WIFI)

WIFI function	The VIVO WIFI product can be remote controlled using the App through the WIFI connection.
Connection with smart device via 2.4 GHz WIFI	

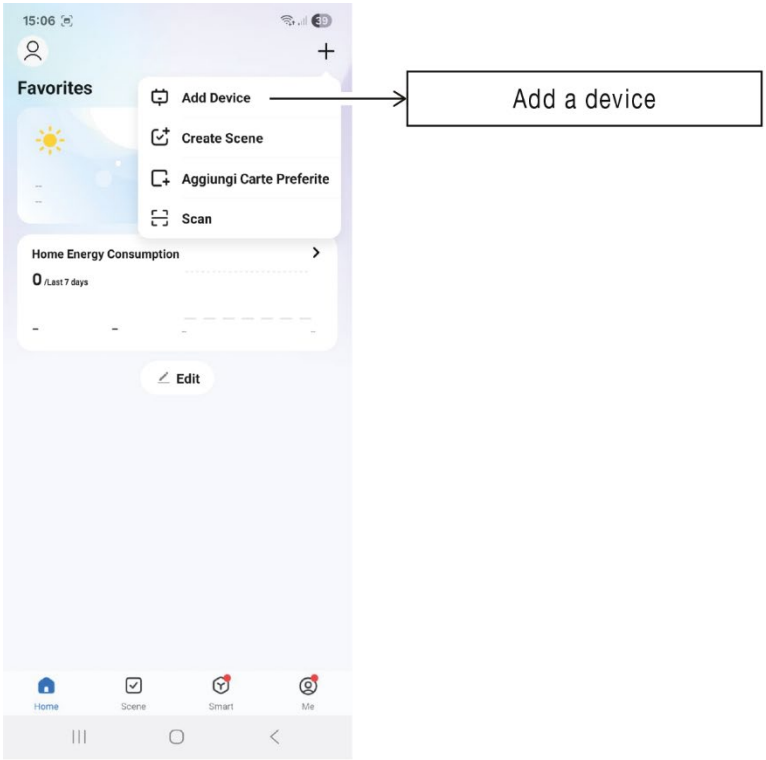
1. Assure your smartphone OS is updated to last OS release available by store.
2. Scan the QR code to download the APP “SMART LIFE” in your smartphone with iOS or Android OS.
3. Create your own Smart Life Account with email and password.
4. Allow Smart Life App to access to the following functions:



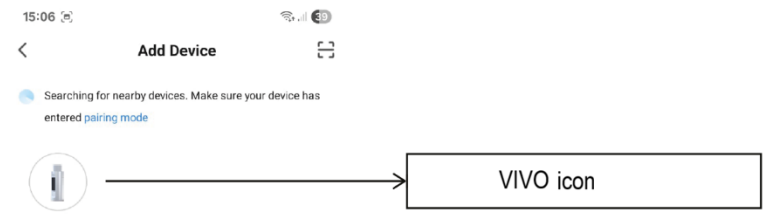
5. At Power On press ON/OFF Button and then long press the function button for about 3s and wait WIFI icon flashes to enter in pairing mode

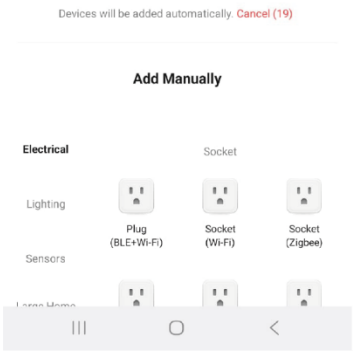


6. Open Smart Life App and click on “+” to add device

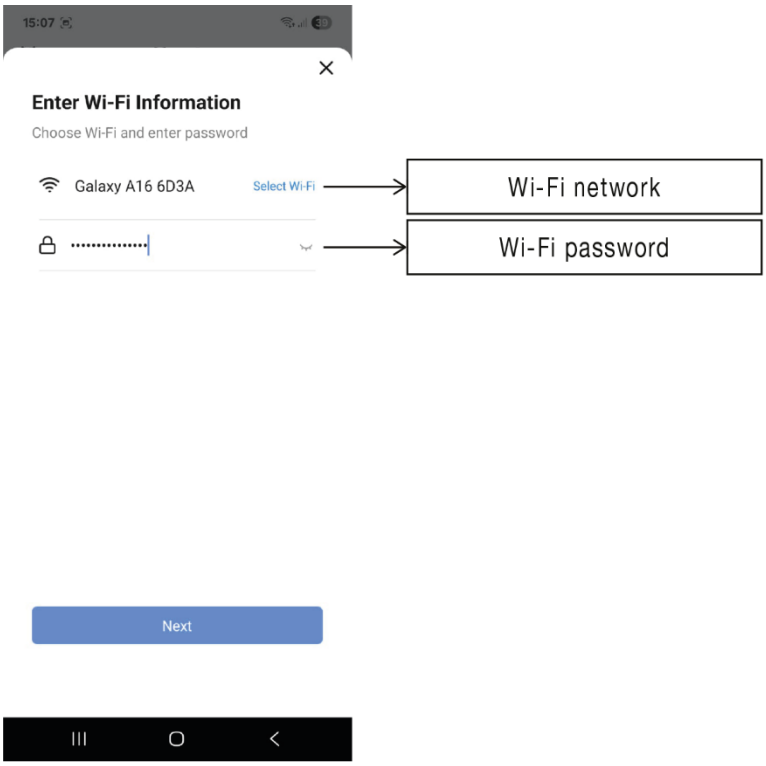


7. Wait until the device is found (VIVO WIFI icon appears when the device is found)

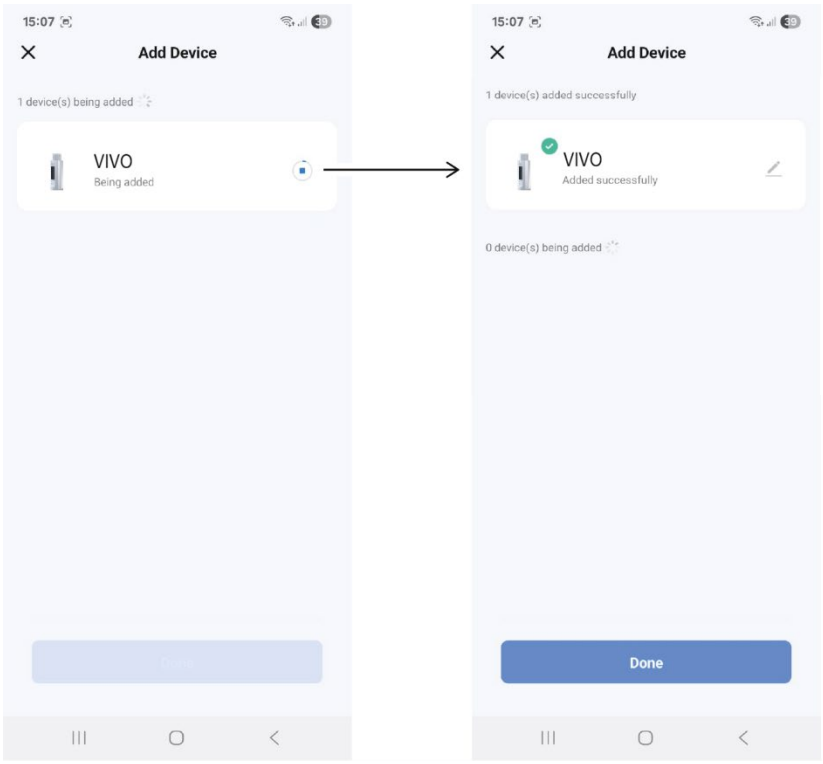




8. Click on VIVO WIFI icon and then enter select WIFI network and insert selected WIFI password



9. Wait until the device is added



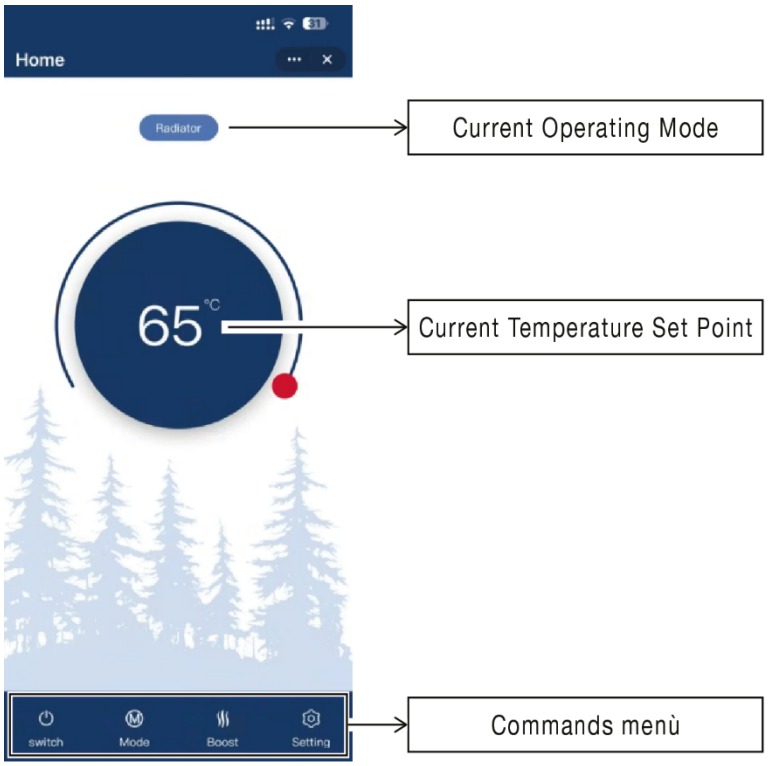
10. Click on Done Button to go directly in the VIVO WIFI App

11. If the device is correctly added in the VIVO WIFI icon led is ON and stable.

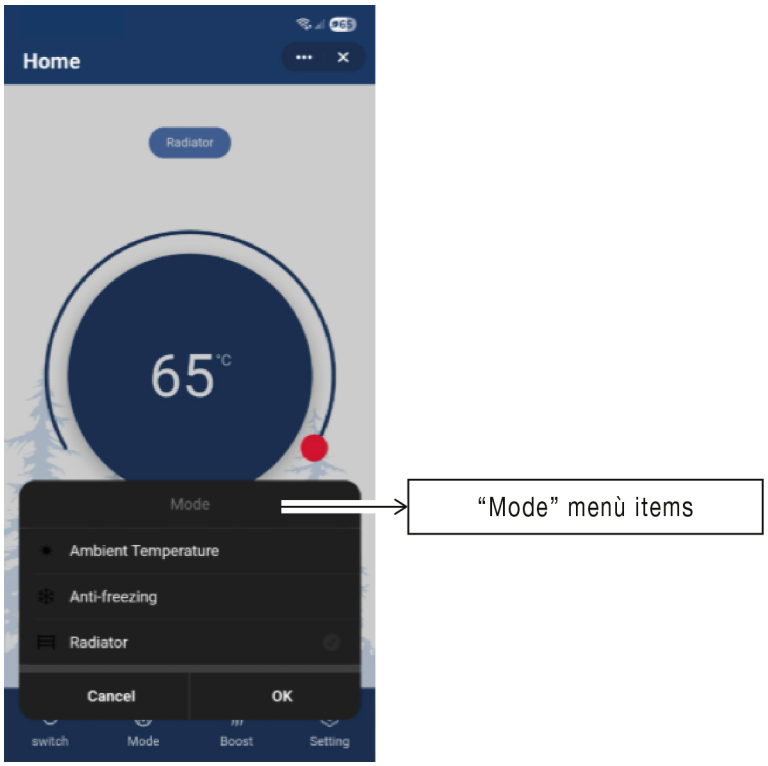
Note: Once device is added you can remove device by turned off VIVO WIFI, turned it on again, push ON/OFF button and when VIVO WIFI esced from standby mode long press on Function Button. After this action WIFI icon starts to blink and a new device can be added to VIVO WIFI.

7.11 SMART LIFE APP LAYOUT

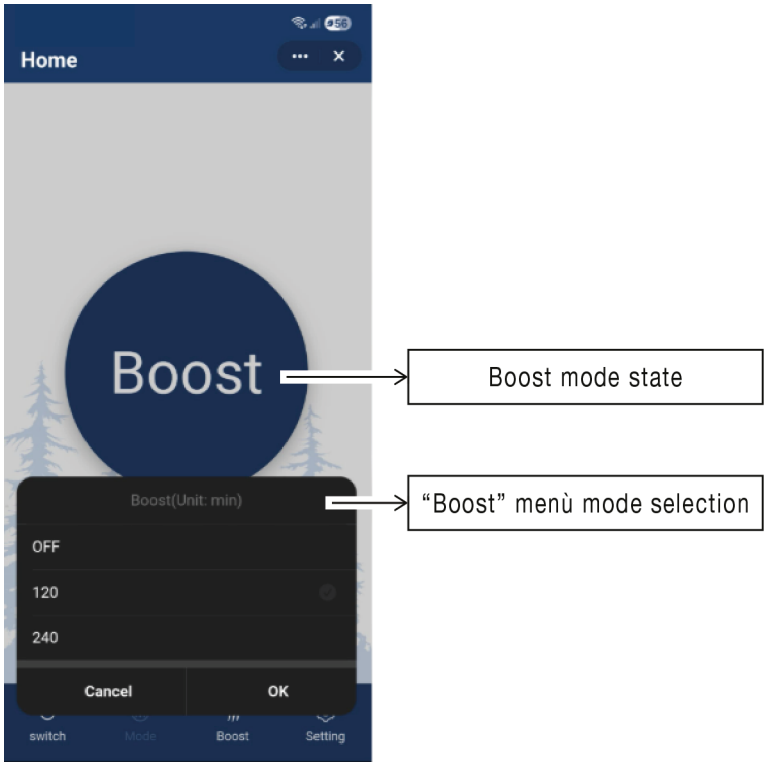
7.11.1 Overview



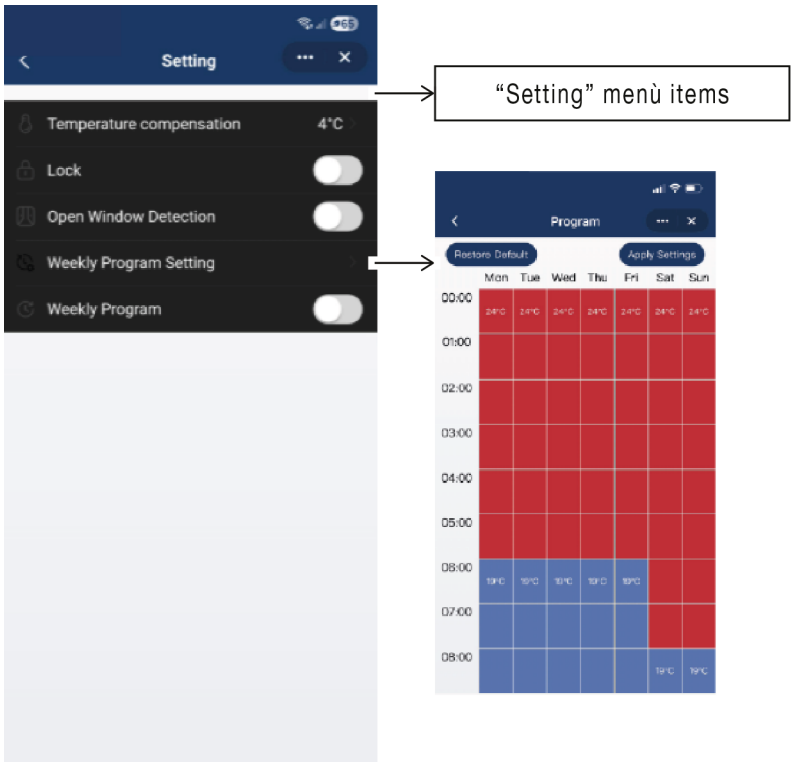
7.11.2 Mode



7.11.3 Boost



7.11.4 Setting



8 MAINTENANCE

VIVO / VIVO WIFI doesn't need any particular scheduled maintenance operation by qualified technicians. However, it is recommended to check the proper functioning of the system by:

- User Interface correct working.
- Paying particular attention to verify that there is no water leakage checking the visible and exposed VIVO / VIVO WIFI parts.

If any of above controls fails, contact the seller.

9 DIAGNOSTICS

Description of fault	Operations
VIVO / VIVO WIFI ambient temperature mode is selected and ambient temperature is lower than current temperature set point of at least 2°C and the towel rail doesn't heat at all within 60 minutes	Use Temperature Compensation function. It the problem persists the product must be replaced, please contact seller.
2H or 4H modes are enabled but the towel rail doesn't heat at all within 60 minutes	If the situation doesn't change, contact seller.

In case of anomalous or strange working condition or if VIVO / VIVO WIFI has visible signs of damage	• Disconnect the VIVO / VIVO WIFI from the mains • switch off the omnipolar switch immediately • send VIVO / VIVO WIFI to the seller for investigation or replacement.
OH is displayed	If the situation doesn't change, contact seller.
Er or EF or EE is displayed	• Disconnect the VIVO / VIVO WIFI from the mains • switch off the omnipolar switch immediately • send VIVO / VIVO WIFI to the seller for investigation or replacement.
Black Out Event	For BASIC version (VIVO) current time and date has to be set

10 SUPPLIED ACCESSORIES, CONSUMABLES AND SPARE PARTS

In the event of malfunctioning or damage, the whole VIVO / VIVO WIFI must be replaced. No spare parts are available. If the VIVO / VIVO WIFI regulating box shows some plastic cracks, please contact the seller for replacement.
VIVO / VIVO WIFI power supply cable cannot be repaired. If it is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Never try to modify or repair the VIVO / VIVO WIFI in any of its parts by yourself. Never try to remove any part of the VIVO / VIVO WIFI as water can penetrate inside the regulation box resulting in a risk of electrical shock. Never knock the VIVO / VIVO WIFI against anything. Handle with extreme care during every operation and never leave it in wet areas.

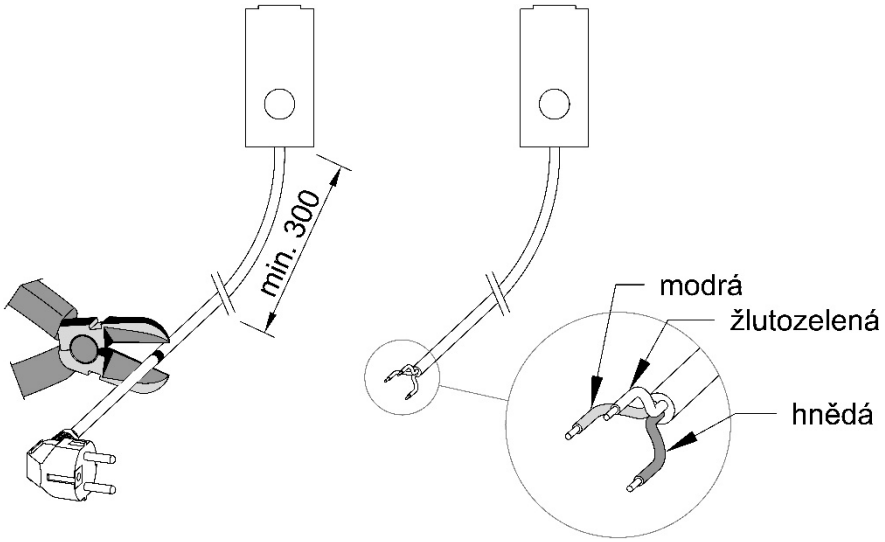
11 POWER CABLE REDUCTION

The length of the power supply cable VIVO / VIVO WIFI can be reduced to allow its direct installation in a wall box or connection to a terminal designed for the cable, i.e. it is certified and rated for the given type of installation (e.g. an electric plug with an integrated switch).

CAUTION! The cable must extend at least 300 mm from the inlet to the heating unit, the thermostat receiver or regulator (according to the equipment installed) after it has been cut. No warranty claim or repair will be accepted, including defects not related to the shortening of the cable, if the length of the cable is less than 300 mm.

The reduction may only be carried out by a person with the appropriate electrical expertise! The external insulation of the cable and the insulation of individual conductors must remain intact. Avoid using cables with broken insulation.

All connections/wiring must be in compliance with the legislation of the country where the installation is performed, as well as with the rules for use in specific environments (e.g. bathrooms), the IEC 60364-7-701 standard in particular.
In this case, the rated degree of protection, IPX4, as declared by the manufacturer of the product, will not apply to the reduced end of the cable and/or any terminal.



The wiring of Class I. equipment is as follows:

Brown (black):	**L**	**phase 230 V / 50 Hz**
Blue:	**N**	**neutral conductor**
Yellow-green:	**PE**	**protective conductor (earth)**

The manufacturer assumes no responsibility for any damage to the equipment or personal injury caused by improper installation of the cable, reversed polarity, insulation damage or any other intervention, connection or wiring that is not in compliance with the applicable regulations.

VIVO Digital Product Passport

VIVO WIFI Digital Product Passport

CE

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