STYLEBOILER

MODELS : **ELIOS PRO**
ELIOS PRO 50
ELIOS PRO 80
ELIOS PRO 100

Instructions for Use and Maintenance cod. MA000084 uptdated 11/06/2025

PREMISE
Dear Customer,
Thank you for choosing a Styleboiler product. We would like to remind you of our company's commitment to ensuring products that comply with regulatory requirements and pay the utmost attention to environmental aspects.

Should you need support or technical assistance, you will find the necessary information below:

MANUFACTURERS'S INFORMATIONS
GIONA HOLDING s.r.l.
Via Apollo XI
37050 Santa Maria di Zevio (VR) - ITALIA
Tel: +39 045 6500099
e-mail: info@styleboiler.it
www.styleboiler.it
TECHNICAL ASSISTANCE INFORMATIONS
For any request for TECHNICAL ASSISTANCE intervention on the machine, you will find the appropriate contacts in relation to the geographical area on
www.styleboiler.it

INTRODUCTION

These instructions are intended for both the installer and the end user, who must respectively install and use the water heater. Failure to comply with the instructions in this manual will result in the warranty being voided.
These instructions contain essential and important information for safe and perfect assembly and are an integral and essential part of the product. Therefore, the entire technical documentation is subject to the obligation of custody and must always accompany the product.
Please always refer to the instructions contained in this manual during installation. The activities described in these instructions require specialized knowledge corresponding to complete and proven professional training in the field of installation of systems. Therefore, it is recommended to perform the assembly operations described only if you possess the indicated technical requirements. The instructions are schematic representations; due to possible errors in description and printing, and possible technical modifications, no responsibility is assumed for the correctness of the contents. The diagrams used are purely INDICATIVE and do not claim to be complete nor do they intend to replace the project.

TABLE OF CONTENTS

1 SAFETY WARNINGS

1.1.1 Management of accompanying documentation

Carefully read this instruction manual before using the equipment and keep it in a safe place. In case of a change of ownership of the appliance, hand it over to the next user/owner. If this manual is lost or damaged, an additional copy can be downloaded from the website **www.styleboiler.com** by selecting the purchased product.

1.1.2 Interventions on the Appliance

Any intervention on the equipment, including disposal, must be carried out by qualified personnel.

1.1.3 Authorized personnel for the use of the device

The device can be used by children aged 8 years and above and by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, provided they are under supervision or have been instructed on the safe use of the device and understand the hazards involved.

1.1.4 Authorized personnel for cleaning the device

Cleaning and maintenance intended to be carried out by the user must not be performed by children without supervision.

1.1.5 Precautions when intervening on the product:

In case intervention on the device is necessary, it is recommended that maintenance personnel consult the instructions provided in the relevant section of this manual.

1.1.6 Precautions for product installation:

The installation is the responsibility of the purchaser. The manufacturer is not liable for damages caused by incorrect installation or failure to follow the instructions in this booklet. Please note that:
The installation environments must meet the specifications in paragraphs 6,1
The positioning of the product according to the specifications in paragraphs 6,2
The hydraulic connections according to the specifications in paragraphs 7,1
Additionally, it is noted that:
For the correct operation of the equipment, the incoming water pressure must be:
- Maximum 0.7 MPa (7 bar);
- Minimum 0.15 MPa (1.5 bar).

Water may drip from the safety valve discharge pipe; leave this pipe open to the atmosphere.
For the correct operation of the equipment, it is essential to install a 0.8 MPa (8 bar) safety valve at the inlet and, if necessary, a pressure reducer according to the specifications in paragraph 7,1
The safety valve must be operated regularly to remove lime deposits and to ensure it is not blocked.
Connect a rubber hose to the condensate discharge according to the specifications in paragraph 7,1
The electrical connections of the device according to the specifications in paragraphs 7,3
Additionally, it is noted to:
Connect the equipment to an efficient grounding system.
Do not use extensions or adapters.
For network connection and safety devices, comply with IEC 60364-4-41 standard.
Protect the equipment with an appropriate differential switch. The type of differential switch should be chosen based on the type of electrical devices used in the overall system.
DO NOT TAMPER WITH THE POWER CABLE. If the power cable is damaged, it must be replaced by the manufacturer or technical service or by a similarly qualified person to prevent any risk.

WARNING! Failure to comply with these warnings will void any warranty rights.

1.1.7 Precauzioni per l'uso del prodotto

A) It is forbidden to touch the device if you are barefoot or have wet body parts.
B) Before using the device and after any routine or extraordinary maintenance, it is advisable to fill the device's tank with water and then perform a complete emptying operation to remove any residual impurities.
C) It is essential to empty the device and disconnect it from the electrical network if it will remain unused in a frost-prone area.
D) Hot water dispensed at a temperature above 50°C from the taps can cause serious burns immediately. Children, disabled persons, and the elderly are particularly at risk. Therefore, it is recommended to use a thermostatic mixing valve to be screwed onto the device's water outlet pipe, marked with a red collar.
E) Avoid standing under the device and placing any objects that could be damaged by a possible water leak.

1.2 GENERAL WARNINGS

1.2.1 Field of Application

The water heater is intended exclusively for heating domestic hot water within the specified usage limits. For this purpose, it must be hydraulically connected to a sanitary water supply network. It requires an electrical power supply for its operation.
Use for purposes other than those specified is prohibited. Any other use is considered improper and not permitted. The manufacturer cannot be held responsible for any installation errors or improper use of the device.

WARNING! Failure to comply with these warnings will void any warranty rights.

1.3 Certifications and Markings

This device complies with the current requirements of the following EU Directives:
Directive 2012/19/EU (WEEE)
Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
Directive 2014/30/EU on electromagnetic compatibility (EMC)
Directive 2014/35/EU on low voltage (LVD)
Directive 2009/125/EC on eco-design
Regulation 2017/1369/EU on energy labeling
Directive 2014/53/EU on radio equipment (RED)

1.4 Warning Symbols

Symbol	Description
	**Generic hazard** Generic hazard Failure to follow the associated recommendation poses a risk of injury and/or damage to people, objects, plants, or animals
	**Electrical Hazard** Indication of operation associated with electrical danger
	**Generic Obligation** Indication of an operation to be performed with particular attention
	**Grounding Obligation** Indication to perform the grounding operation
	**Manual Consultation** Obligation Indication of the obligation to follow the instructions provided in this manual

2 PRODUCT PRESENTATION

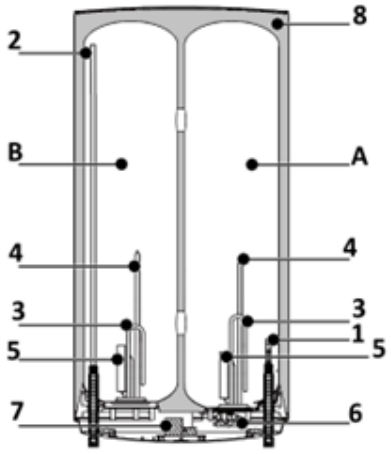
The ELIOS Pro water heater by Styleboiler, through the use of a dual-tank solution, combines elegant aesthetics with versatile installation options. It is suitable for both low front clearance conditions and can be installed either vertically or horizontally. Additionally, it offers maximum regulation and comfort through electronic control and independent management of the two tanks.

2.1 Construction Features

-Internal structure with dual tanks, each with magnesium anode protection
- Internal tank protection through hot enameling (850°C)
- Electric resistance in each tank with dual temperature reading to ensure maximum efficiency and availability of hot water
- Automatic protections to prevent overheating situations
-Tank insulation through direct injection of polyurethane
- Outer casing made of hot-painted galvanized sheet metal
- Unit with extremely compact depth dimensions, 285 mm

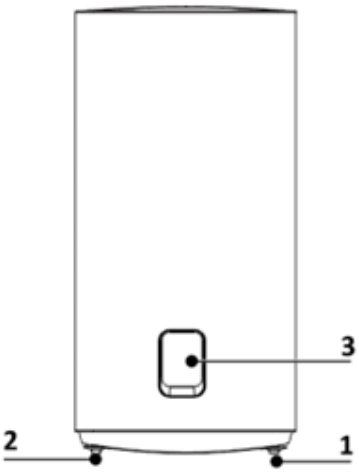
2.2 Functional Features

- Possibility of horizontal or vertical installation
- Installed electrical power: 1200+800 Watts, adjustable
- Electronic control with a simple and intuitive command display
- SMART function for performance optimization
- Power adjustment function
- Remote control via Wi-Fi system



2.3 Internal Component Layout

A) First inlet tank
B) Second outlet tank
1) Water inlet outlet
2) Water outlet inlet
3) Electric resistance 1200+800 W
4) Bulb for temperature sensor and safety thermostat
5) Magnesium anodes 2 x Ø 20 x h 200 mm
6) Safety thermostat
7) Electronic control
8) Polyurethane foam insulation



2.4 External Component Layout

1) Water inlet connection G1/2”
2) Water outlet connection G1/2”
3) Display

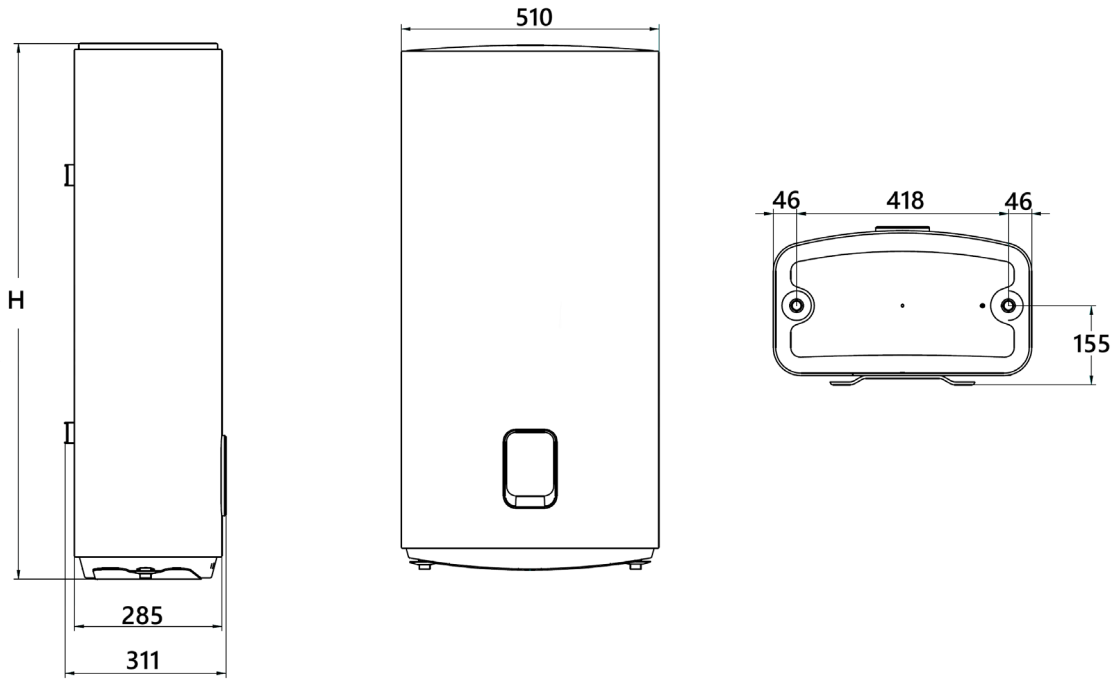
3 TECHNICAL SPECIFICATIONS

3.1 Technical Data

Model	U.M.	ELIOS PRO 50	ELIOS PRO 80	ELIOS PRO 100
Electrical Power	[kW]	2,0 (1,2 + 0,8)		
Power Supply	V-ph-Hz	230-1-50		
Useful Water Content	[l]	40	64	80
ErP Energy Class	\	B	B	B
ErP Load Profile	\	M	M	M
Energy Efficiency	%	40	39	39
Annual Energy Consumption	kWh/year	1290	1304	1311
Heating Time	h:min	00:36	00:58	01:12
Useful Volume V40	l	71	115	142
Adjustable Temperature Range	°C	40 - 75		
Standard Set Temperature	°C	70		
Max Operating Pressure	bar	8		
Empty Weight	[kg]	22.5	32	39
Net Full Weight	[kg]	62,5	96,1	118,8
Sound Power	dB	15	15	15
Anode Protection	Type \ dimens. [mm] \ Q,ty	Magnesium Anode / Ø20x200 / 2 pcs		

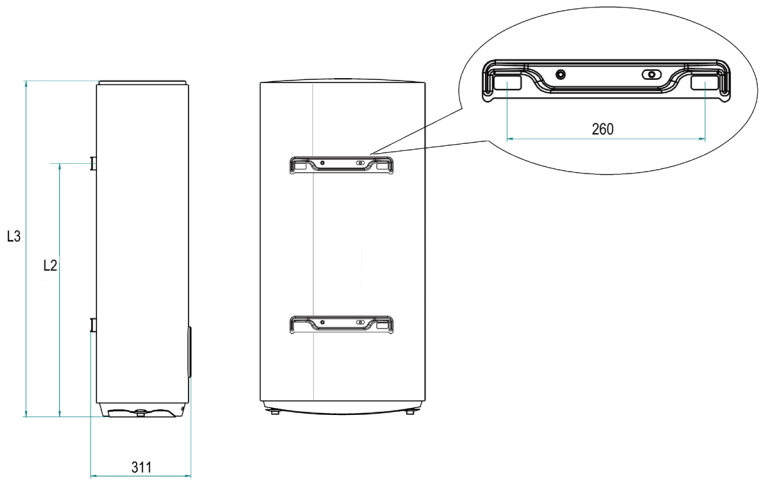
3.2 General dimensions

Model	U.M.	ELIOS PRO 50	ELIOS PRO 80	ELIOS PRO 100
Total height (H)	mm	705	1032	1236

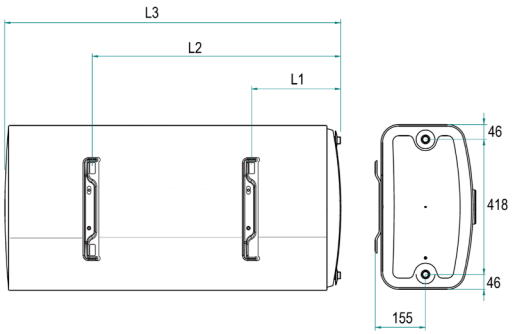


3.3 Installation dimensions

FOR VERTICAL INSTALLATION



FOR HORIZONTAL INSTALLATION



Model	U.M.		ELIOS PRO 50	ELIOS PRO 80	ELIOS PRO 100
Total height (H)	L1	[mm]	193	274	274
	L2	[mm]	558	774	1084
	L3	[mm]	705	1032	1236

4 OPERATING LIMITS

4.1 Characteristics of installation

This product is designed for use in typical residential or tertiary environments and is not permitted for installation and use in special environments such as those with potentially explosive atmospheres - ATEX or with a higher IP protection level than indicated by the unit. The device cannot be installed outdoors and requires environments not exposed to atmospheric agents. The device must be installed in environments where the temperature is between 5°C and 43°C.

4.2 Operating limits

4.2.1 Working temperatures

The unit can operate up to a maximum temperature limit of 75°C.
Above this temperature, safety mechanisms will intervene to stop its operation.

4.2.2 Supply voltage

The units operate regularly within the following supply voltage range: 207 – 254 V.

4.2.3 Working pressures

Serbatoio acqua 8 bar

4.2.4 Water hardness

The unit must not operate with water having a hardness lower than 12°F; however, in the case of particularly hard water (above 25°F), it is advisable to use a properly calibrated and monitored water softener. In this case, the residual hardness should not fall below 15°F.

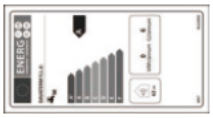
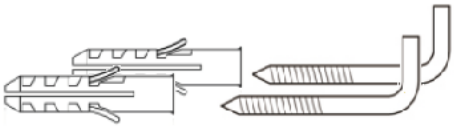
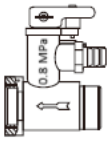
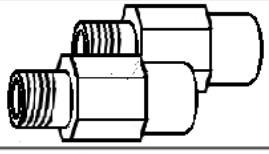
5 DELIVERY AND RECEIPT

5.1 Delivery and packaging

The water heater is supplied in an eco-friendly cardboard packaging with protective inserts. Ensure that the packaging material is disposed of correctly according to current environmental protection regulations. If there are evident damages, it must not be assembled or installed. Inform the supplier immediately.

5.2 Receipt

In addition to the units, the packages contain accessories and technical documentation for use and installation. Check that the following items are present:

	INSTALLATION AND USE MANUAL
	ENERGY LABEL
	HOOK + EXPANSION PLUG 2 PCS + 2 PCS
	SAFETY VALVE (8 BAR - O.8 MPA)
	4 PCS GASKETS
	2 PCS INSULATING HYDRAULIC FITTINGS
	SAFETY VALVE TUBE

For the entire period during which the equipment remains unused, awaiting commissioning, it is advisable to keep it in a place sheltered from the elements.

6 INSTALLATION

6.1 General Information

The water heater must be operated only by qualified and authorized technical personnel in accordance with the national health and safety regulations, such as "Low Voltage Device Regulations" and "Technical Building Code". Do not attempt to install the product by yourself. This water heater is designed to heat water for sanitary use at temperatures below boiling. The water heater must be connected to a cold water distribution system for sanitary use, sized according to its technical characteristics.

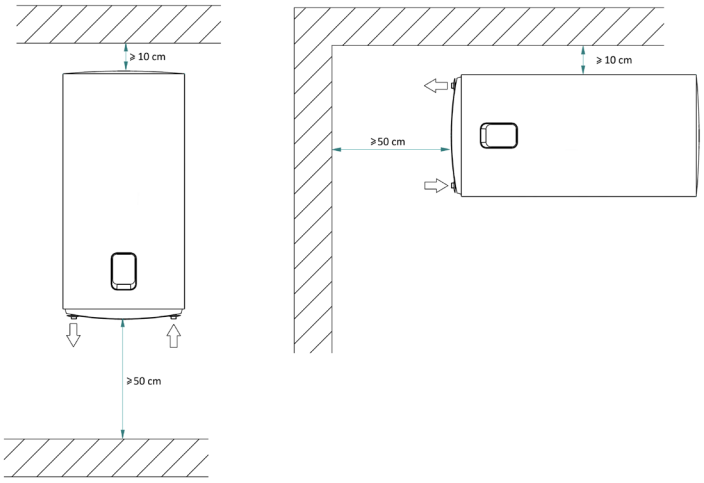
Before connecting the water heater both hydraulically and electrically, the following operations must be performed:
- Check that its technical characteristics (refer to the nameplate data) meet the customer's needs.
- Verify that the installation complies with the IP protection degree of the appliance according to current regulations.
- Read the instructions on the packaging label, the product nameplate, and this manual.

Water Heater Installation

This water heater is designed to be installed exclusively indoors according to current regulations. Therefore, the following warnings must be observed:
· **Humidity:** Do not install the water heater in closed, unventilated areas exposed to humidity
· **Freezing Conditions:** Do not install the water heater in areas where the ambient temperature can drop to a critical level that may cause ice formation.
· **Sunlight:** Do not expose the water heater directly to sunlight, even in the presence of interposed windows.
· **Dust-Vapors-Gases:** Do not install the water heater in particularly aggressive environments with acidic vapors, dust, or gases.
· **Electrical Surges:** Do not connect the water heater directly to power sources that are not protected against overvoltage or with voltage fluctuations.

6.2 Choosing the Installation Location for the Water Heater

It is recommended to place the appliance near the point of highest hot water usage to avoid heat loss along the pipes and, if possible, near a drain to facilitate any emptying operations. Local regulations may impose restrictions on installing the appliance in the bathroom, so adhere to the minimum distances required by current regulations. To make maintenance easier, ensure there is at least 50 cm of free space around the cap to access the electrical parts. It is advisable to respect the minimum spaces around the unit as indicated in the figure.

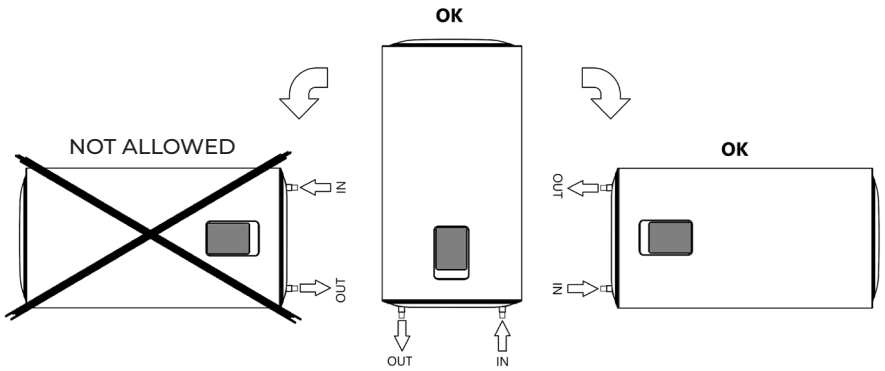


In the case of walls made of bricks or hollow blocks, partitions with limited stability, or any other types of masonry different from those indicated, a preliminary static verification of the support system is necessary. The wall mounting hooks must be able to support a weight three times that of the water heater when filled with water. The table shows the indicative weight of the water heater once filled with water.

Model	U.M.	ELIOS PRO 50	ELIOS PRO 80	ELIOS PRO 100
Total weight in service	[kg]	62,5	96,1	118,8

6.3 Installation Methods

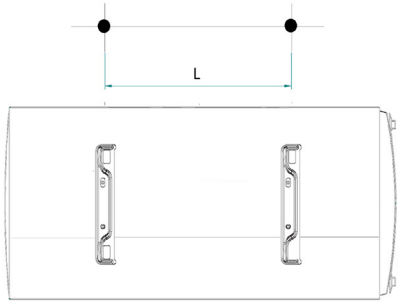
The product can be installed either vertically or horizontally. In the case of horizontal installation, only clockwise rotation is allowed so that the water pipes are on the left. This ensures the flow of cold water from the bottom to the top. Any other installation different from that shown (in the image below) is prohibited.



6.4 Installation Procedure

After ensuring the robustness of the wall:
- Drill two holes A with a minimum depth of 90 mm, and with the spacing described below.

FOR VERTICAL INSTALLATION

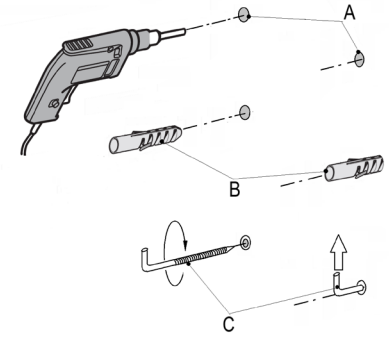


FOR HORIZONTAL INSTALLATION

Model	U.M.	ELIOS PRO 50	ELIOS PRO 80	ELIOS PRO 100
Spacing (L)	(mm)	365	500	810

- Insert the supplied dowels B into the holes.
Note: Check if the supplied dowels are suitable for the type of wall. If necessary, choose the most suitable expansion dowel based on the specific type of wall.

- Insert the supplied hooks C into the dowels, turn them fully, and lock the dowel with the orientation facing upwards.



7 CONNECTIONS

7.1 Hydraulic Connection

The water inlet and outlet are distinguished as follows:
- Blue ring for cold water inlet;
- Red ring for hot water outlet.

The hydraulic connection of the appliance is indicated in the figures. Below is a description of how to perform a correct installation.

- A. Dielectric Joints (supplied): To protect the boiler from the harmful and corrosive effects of stray electrical currents, install two threaded dielectric joints supplied in the connection pipes.

- B. Hydraulic Safety Group (mandatory) (supplied): It is mandatory to provide a hydraulic safety group compliant with EN 1487 or equivalent regulations in force, which must include at least the following functions:
- Safety valve, with maximum pressures of 0.8 MPa – 8 bar
- Retention functions
- Lever for emptying the system.

- C. Shut-off Valve

These components are necessary for the safe operation of the supplied appliances. Pay attention during the installation phase of the hydraulic safety group, avoiding forcing or tampering with it.

Water may drip from the discharge connection of the hydraulic safety group (see paragraph "USER INSTRUCTIONS - Dripping of the hydraulic safety group"). This opening must be left open to the atmosphere. A drain pipe **B1** (supplied) must be provided with a continuous downward slope in a place free of condensation and ice. The pipe must not have any obstructions to avoid overpressure.

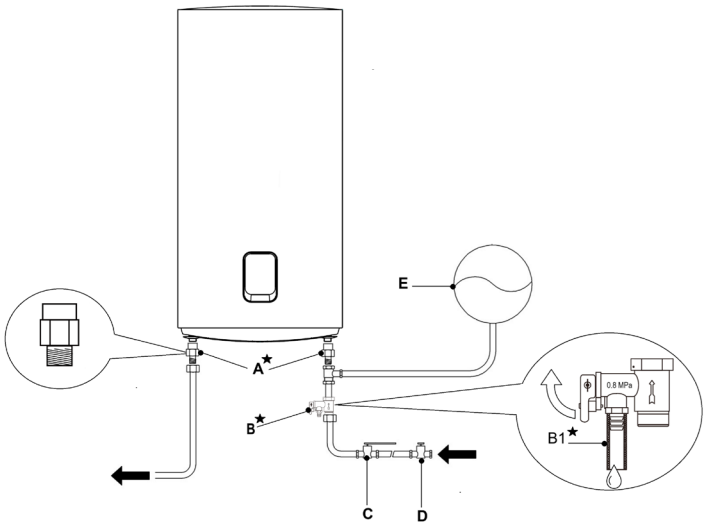
- D. Pressure Reducer.

If there is a network pressure higher than 0.5 MPa (5 bar), it is necessary to apply an appropriate pressure reducer positioned upstream of the hydraulic safety group.

- E. Expansion Vessel

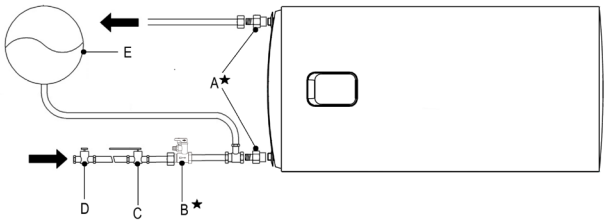
To avoid overpressure that may damage the appliance with frequent interventions of the safety group and consequent dripping, it is mandatory to install an expansion vessel with a capacity of 10% of the nominal capacity of each heating appliance. Proceed with the installation according to the manufacturer's instructions. The expansion vessel is necessary as it maintains regular pressure and avoids harmful water hammer or accidental overpressure.

FOR VERTICAL INSTALLATIONS



FOR HORIZONTAL INSTALLATIONS

★THE ACCESSORIES



7.2 Filling the System

To fill the appliance, it is necessary to:
- Turn the tap on the hydraulic group to the operating position; opening the tap allows the appliance to be supplied. The retention incorporated in the hydraulic safety group prevents the return of hot water;
- Open the main water supply or the appliance's water supply tap;
- Open a hot water tap (e.g., bathroom, sink, etc.) to allow the internal air to escape; when a steady flow of water comes out of the tap, the appliance will be full;

Check for the absence of leaks along the various hydraulic connections.
It is recommended to clean the pipes before installation. Only after this operation can the electrical connection be made.

7.3 Electrical Connection

WARNING: The appliance is already wired at the factory and is equipped with a Schuko plug.

Before connecting the appliance to the electrical network, the following preliminary operations are required:
- Verify that the network voltage complies with the value indicated on the nameplate attached to the appliance.
- Ensure there is a Schuko wall socket with grounding and separate protection.
- Install a 16 A omnipolar protection switch with a contact opening of at least 3 mm.
- Provide a 30 mA differential protection switch.
- Ensure that the socket is adequately sized to support the maximum energy consumption values at its peak absorption point.

The connection must be made by plugging the appliance into the designated socket, which must comply with current regulations.

WARNING: If the power cable is damaged, it must be replaced by the manufacturer or its technical service or by a similarly qualified person to prevent any risk.

WARNING: The use of multiple output sockets, extension cords, or adapters is prohibited.

8 CONTROL

The unit is equipped with a dual control system:
A. Direct control via the onboard user interface
B. Remote control via Wi-Fi connection

8.1 Description of the Onboard User Interface

The interface consists of a panel with touch buttons for setting different modes and an area with an LCD display and LEDs to show the operating status.

Ref	Function
1	Power on/off button
2	SMART function activation button
3	Set point modification button
4	Timer setting button
5	Power level selection buttons
6	Wi-Fi activation button
7	Display for viewing set point, actual temperature, and any alarms
8	LEDs indicating operating status

8.1.1 Description of the functions associated with the various buttons

Icon	Function	Description
ON/OFF	Power on/off button:	Press the button to turn the unit on or off. The selected mode will be Normal with manual set point adjustment. When the unit is on, the button is illuminated.
SMART	SMART function activation button:	Press the button to set the SMART function. When in SMART mode, the electric water heater will recognize and learn the user's water usage habits. The self-learning period is one week, during which it is recommended to keep this function active and not change the settings. Afterward, the unit will automatically set the heating temperature and control the heating time based on the user's water usage habits. Note that if disconnected from the network or if the mode is changed, the electric water heater will take one week to recognize and relearn the user's water usage habits.
	Set point modification button:	1) In conventional heating mode, the adjustment button can be used to set the heating temperature. The setting range is from 30 to 75 °C. 2) In SMART mode, the system automatically locks the temperature level set in normal mode during the first week. 3) If the TIMER function is activated, it allows the timing of the power-on to be adjusted. **Note: The button allows the value to be changed only by increasing it to its limit and then starting again from the minimum value.**
Timer	Timer setting button:	It is possible to activate the timed power-on mode. The water heater will prepare the water to the desired temperature at the requested time interval (within the set hours) and maintain it for one hour. If this mode is not exited, the water heater will repeat the same behavior the next day.
P1 P2	Power level selection buttons:	The button allows the power output of the unit to be adjusted: P1 = minimum power 800W P2 = medium power 1200W P3 = maximum power 800+1200=2000W The choice impacts the speed at which the temperature is brought to the desired level. Modulation is not adjustable in SMART mode.
WiFi	Wi-Fi activation button:	The button allows connection to a home router for Wi-Fi control. To connect the water heater to the router, press the button; the icon will flash while waiting for a connection with the router. Details on the connection are provided in a specific section.

8.1.2 Description of the functions associated with the LEDs

Icon	Function	Description
	Timer	Illuminates if the timer function is set
	SMART	Illuminates if the SMART function is set
	Wi-fi	Illuminates if the water heater is connected to a router and can be controlled remotely
	Heating	Illuminates while the water heater is heating
	Keep Warm	Illuminates when the water is at the set temperature

8.2 Auxiliary Functions

8.2.1 ANTIFREEZE Function

The water heater is equipped with an automatic antifreeze prevention function. When the unit is in standby mode, if the temperature measured inside the tanks drops below 5°C, the resistance turns on to heat up to 10°C.
To ensure that the antifreeze procedure is carried out correctly, do not electrically disconnect the water heater from the power supply even during long periods of inactivity.

8.2.2 ANTILEGIONELLA Function

The anti-legionella function is activated by default. It consists of a heating/maintenance cycle of the water at 60°C for 1 hour to perform thermal disinfection against the related bacteria.
The cycle starts at the first power-on of the product and after each power-on following a power outage. If the product always operates at a temperature below 55°C, the cycle is repeated after 30 days. When the product is off, the anti-legionella function is deactivated. If the appliance is turned off during the anti-legionella cycle, the product turns off and the function is deactivated. At the end of each cycle, the usage temperature returns to the previously set temperature by the user. To activate this function, press the ON/OFF buttons “ ” and “ ” simultaneously for 3 seconds; to confirm activation, the display will show “A1” for 4 seconds. To permanently deactivate the function, repeat the above operation; to confirm deactivation, the display will show “A0” for 3 seconds.
Warning: While the appliance performs the thermal disinfection cycle, the high water temperature can cause burns. Pay attention to the water temperature before taking a bath or shower.

8.2.3 Settings Memory

The water heater stores the assigned settings and, in case of a blackout and subsequent restoration of the power supply, retrieves the previously defined settings.

9 PROTECTIONS AND ALARMS

The unit is equipped with a self-diagnosis system that indicates any faults or active protections due to abnormal operating conditions.
When an error occurs, the associated error message is displayed on the screen.

Error Code	Protection / Malfunction
E2	Protection for possible lack of water in the tank
E3	Overheating protection for water above 90°C
E4	Temperature sensor error

In case of error notifications, it is necessary to contact technical support, providing the error code displayed on the screen or on the smartphone app. Do not attempt to repair the error yourself.

10 RULES FOR USE

10.1. Power On
Before operating the device, ensure the electrical connection is correct and the device is filled with water.
WARNING: Always check that the device is full of water before turning it on to avoid serious damage to the heating element.

10.2. Dripping from the Hydraulic Safety Group
It is normal for the hydraulic safety group to drip during the heating phase. As the water heats up, it expands and is not compressible. If the plumbing system cannot absorb this increase in volume, the internal pressure rises until the safety device activates, releasing excess water to prevent overpressure in the tank.

10.3 Safety Limiter
The devices are equipped with a thermostat with a safety limiter, as required by current CEI-EN standards. The limiter intervenes in case of abnormal water heating, causing the automatic opening of the power circuit to the heating element. The reset is manual. This activity must be carried out by qualified personnel following the instructions in paragraph 11.1.

10.4 External Cleaning
For cleaning the outer casing, use neutral soapy solutions and absolutely avoid abrasive products based on organic solvents (alcohol, gasoline, etc.).

10.5 Checking the Efficiency of the Hydraulic Safety Group
The efficiency of the hydraulic group is very important to avoid internal overpressure in the tank (which could damage it) and ensures safe use of the device for the user. Periodically check the water flow by briefly opening the manual lever A. During the check, clean and remove any limescale that may have formed.

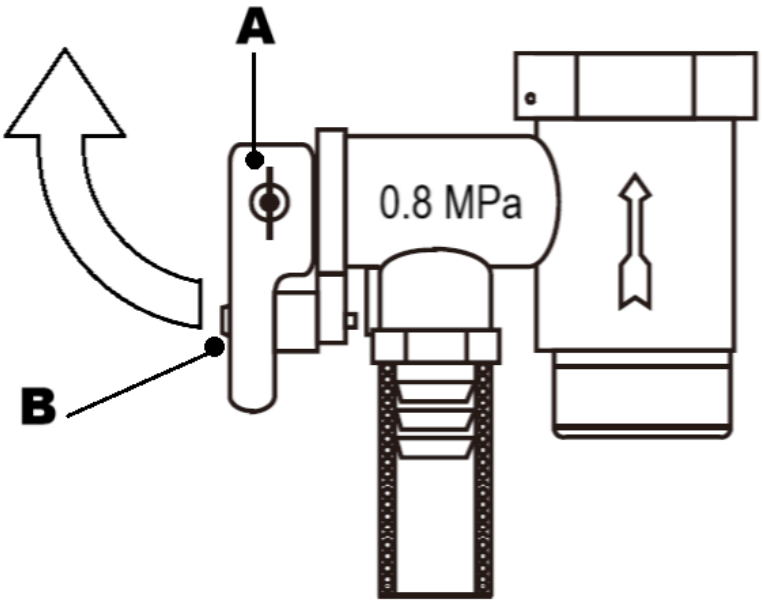
10.6 Draining the Device

In case of prolonged absence, it is recommended to completely drain the device. Proceed as follows:
- Disconnect the power supply and close the main water supply.
- Open a hot water tap to allow air to enter.
- Turn knob A to the open position to drain the hydraulic safety group.
- Ensure that the safety screw B locking the lever is removed.
- Verify that the drain connection of the hydraulic safety group is connected to a drain as specified.

Only after refilling the device can the electrical connection be restored

10.7 Powering On After a Long Period of Inactivity

When the system is powered on after a long period of inactivity (including the operating process), it is normal for the water coming out of the unit to be dirty. Keep the water tap open, and it will soon return to being clean.



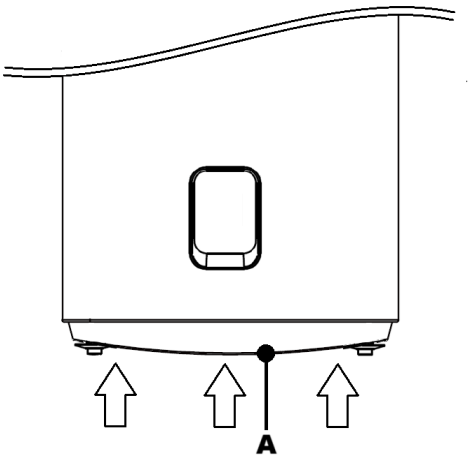
11 RESTORATION INTERVENTIONS (TO BE CARRIED OUT BY QUALIFIED PERSONNEL)

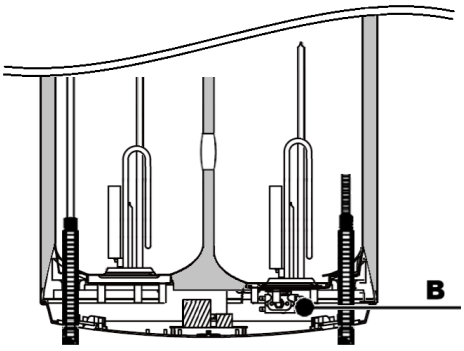
WARNING: Always check that the device is full of water before turning it on to avoid serious damage to the heating element.

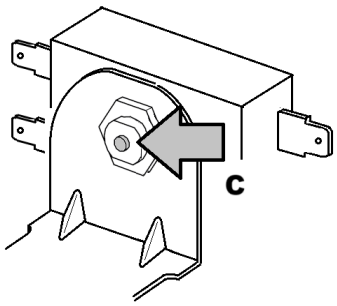
11.1. Resetting the Safety Thermostat for the Heating Element (Operation Reserved for Qualified Personnel)

The unit is equipped with a manual reset safety thermostat connected in series with the heating element and located near the heater itself. This thermostat cuts off the power supply in case of excessive temperature (above 90°C) inside the tank. The activation of the safety thermostat is not indicated as an alarm or protection on the display. If there is a suspicion that the heater is not functioning, proceed as follows to reset the thermostat:

- Disconnect the equipment from the power supply.
- Remove the three screws and the protective cover A indicated in the images here on the right.
- Locate the presence of thermostat B and the reset button C.
- Manually reset the tripped safety thermostat. In case of activation, the central pin of the thermostat protrudes by about 2 mm.
- Reassemble the previously removed cover.







WARNING: The activation of the safety thermostat may be caused by a fault related to the main-board or the absence of water in the tank.

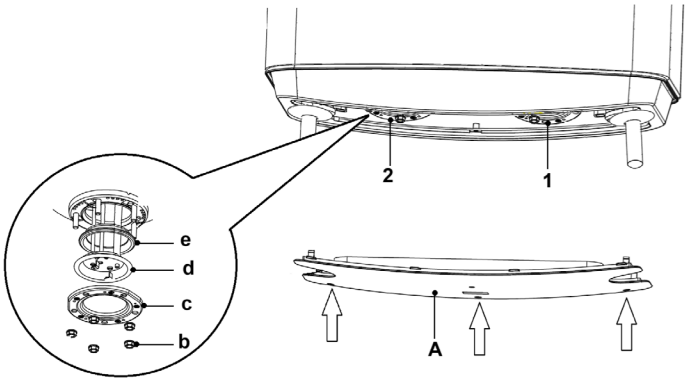
WARNING: Performing repair interventions on parts with a safety function compromises the safe operation of the equipment. Replace faulty parts exclusively with original spare parts.

11.2 Checking and Replacing the Magnesium Anode

Its function is very important to protect the tank against corrosion caused by stray currents or the aggressiveness of the water. Its consumption is proportional to the protection work performed and the quality of the internal water. It is very important to check its efficiency at least every two years or in proportion to the quality of the water. The effectiveness of the protection is linked to its integrity. During the check, verify its consumption; if excessive, or insufficient to guarantee protection until the next scheduled check, proceed with its replacement. Spare parts are available from the distributor and/or manufacturer.

Replacement Procedure:

Disconnect the appliance from the electrical network.
Empty the water heater as indicated in paragraph
Remove the three screws and the protective cover A indicated in the image here on the right.
Identify the presence of the flanged groups Resistance-Anode 1 and 2.
Unscrew the bolts b and remove the flanges c.
Remove the resistance/anode groups d. During reassembly, ensure that the position of the sensor rods and resistances are as original.
After each removal, it is recommended to replace the flange gasket "e"



WARNING: Always check, before turning on the appliance, that it is full of water to avoid serious damage to the electric resistance.

11.3 Descaling and Cleaning of Limescale (Periodic)

To ensure the good performance of the appliance, it is advisable to periodically descale the resistance. This operation must be carried out more frequently depending on the hardness of the water; proceed as indicated in the previous paragraph: Once the resistances are disassembled, proceed with descaling and cleaning the limescale, being careful not to damage the resistance casing. It is recommended to replace the gasket when reassembling the resistances.

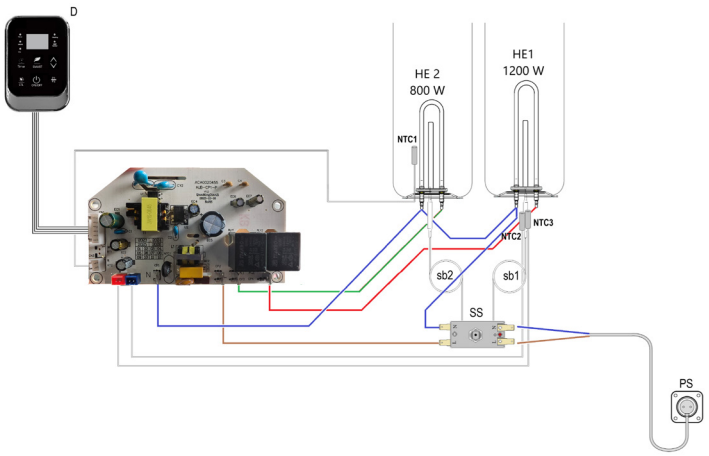
11.4 General Notes

Use suitable equipment for the purpose.
Always replace the gaskets and/or O-rings intended for hydraulic sealing.
Use only original spare parts.
During reassembly, ensure that:
The resistance is correctly housed and that the sealing gaskets are correctly installed.
The thermostat is inserted into the resistance housing, pushing it fully in without applying force that could damage it; check the correct insertion of the internal male/female contacts.
Before reconnecting the appliance to the electrical power, fill the appliance (see relevant section) and check for any water leaks.

12 ELECTRICAL DIAGRAM

Below is the block diagram indicating the electrical schematic and the main components present in the water heater.

Ref.	Description
D	Display
MB	Control board
SS	Temperature limiter
HE1	Resistance on tank 1 (1200 W)
HE2	Resistance on tank 2 (800 W)
sb1	Limiter bulb on tank 1
sb2	Limiter bulb on tank 2
NTC1	Temperature sensor on tank 2
NTC2	Temperature sensor on tank 1
NTC3	Auxiliary temperature sensor on tank 1



12.1 Remote Wi-Fi Connection Control

Before starting, ensure:
1) That the smartphone is connected to the home Wi-Fi network and you know the network password.
2) That you are near the appliances.
3) That the 5GHz or 2.4GHz (preferable) wireless signal is enabled on the wireless router.

Operational Procedure

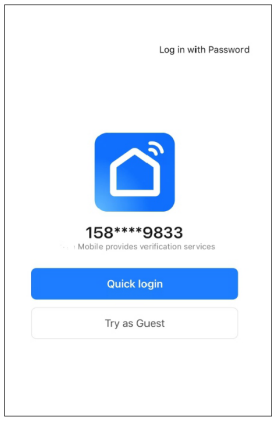
a) Download the Smart Life App

Scan the QR code

or search for "SMART Life" on Google Play (Android devices) or App Store (iOS devices) to download the app.

b) Register or Login to the account

Open the app and create a user account or log in if you already have an existing account.

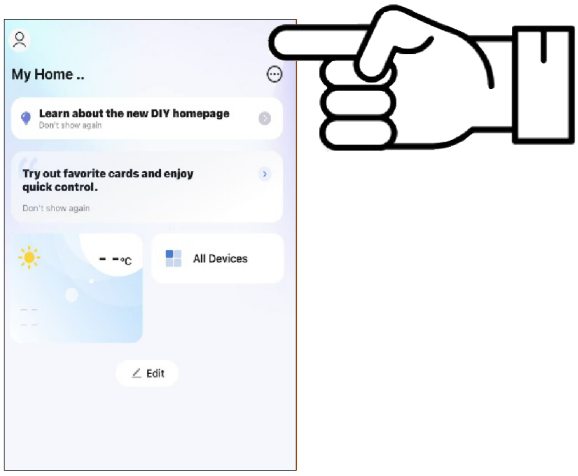


c) Connecting the Water Heater to the Network

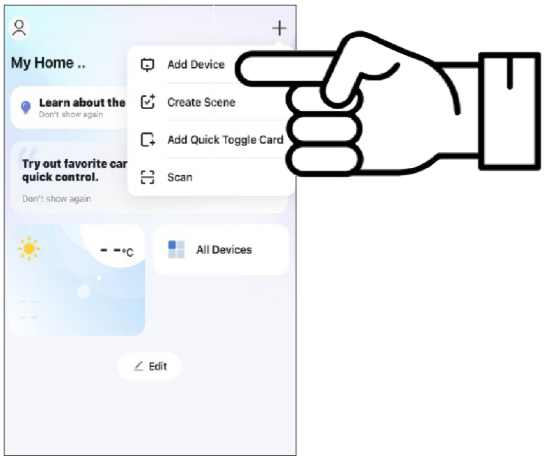
Press and hold the button WiFi on the electric water heater for 3 seconds and do not release the button until you hear a "di" signal. After that, the button light WiFi will flash, and it will enter connection mode.

d) Adding the Device to Wi-Fi

From the APP page, activate the "+" button in the top right corner.

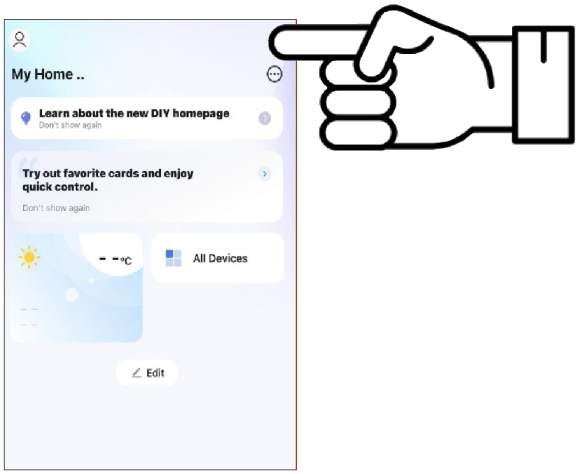


Confirm on the dropdown menu "Add Device"

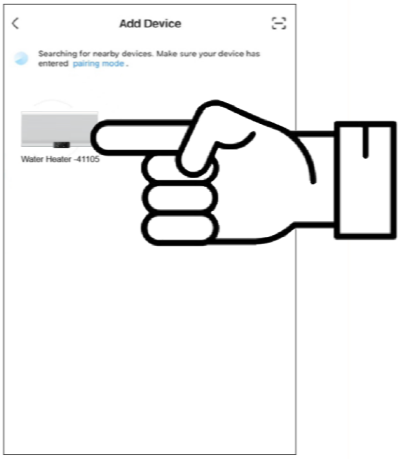


e) Searching for the Device to Connect

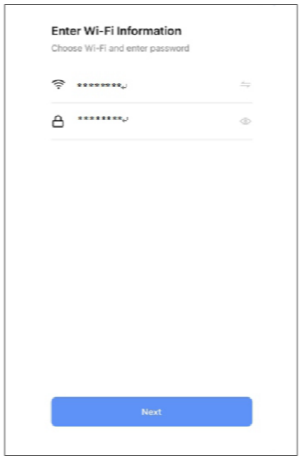
The signal emitted by the water heater is automatically searched for. Please wait.



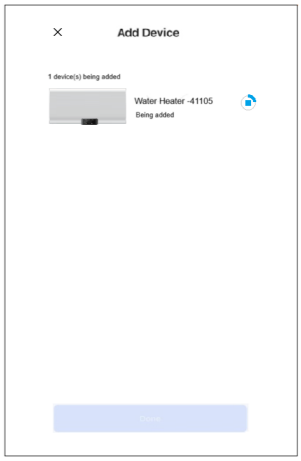
After capturing the signal emitted by the water heater, it will be recognized by the APP: At this point, you will need to confirm the identified element.



f) Connecting the Router and Water Heater
Enter the WLAN name and password on the APP page.



Press the "Next" button and the network will connect to the water heater.



Once the connection is established, the bottom bar will indicate "done". The water heater icon will stop flashing, and the water heater will have been successfully added to the APP page.

g) Remote Control via APP

Once the APP is opened, it will be possible to view and set the operation of the water heater.

Warning: The first time you attempt to connect the water heater to the network, the setup times may exceed the times allowed by the APP. In this case, repeat the process. The water heater must be installed in a location where the Wi-Fi signal is covered and has adequate strength.

13 DISPOSAL OF PACKAGING

13.1 Disposal of Packaging

The material that makes up the packaging should be delivered to collection and disposal centers to facilitate collection, reuse, recovery, and recycling where possible. Below is a specific table indicating the materials and their classifications.

Rif.	Description	Symbol	Collection Instructions
Cardboard box:	CORRUGATED CARDBOARD **PAP 20**		Separate PAPER collection - check local regulations
Polystyrene:	POLYSTYRENE **PS6**		Separate PLASTIC collection - check local regulations
Accessory and document bag:	POLYETHYLENE **LD PE 04**		
Clips:	IRON **FE**		Separate METAL collection - check local regulations

13.2 Disposal of Electrical Equipment (Directive 2002/96/EC – WEEE)

This symbol indicates that the product should not be disposed of as household waste. Instead, it should be delivered to the appropriate collection center for the recycling of electrical and electronic equipment. Proper disposal of the product avoids potential harmful consequences for the environment and health. Recycling materials helps preserve natural resources.

For more information on recycling this product, contact your local municipal offices, household waste disposal service, or the retailer/installer where the product was purchased. Failure to comply with these disposal methods may result in penalties as provided by local laws.

The main materials that make up the equipment in question are:

Steel (tank – casing)
Plastic (internal insulating components)
Polyurethane (tank insulation)
Electrical parts