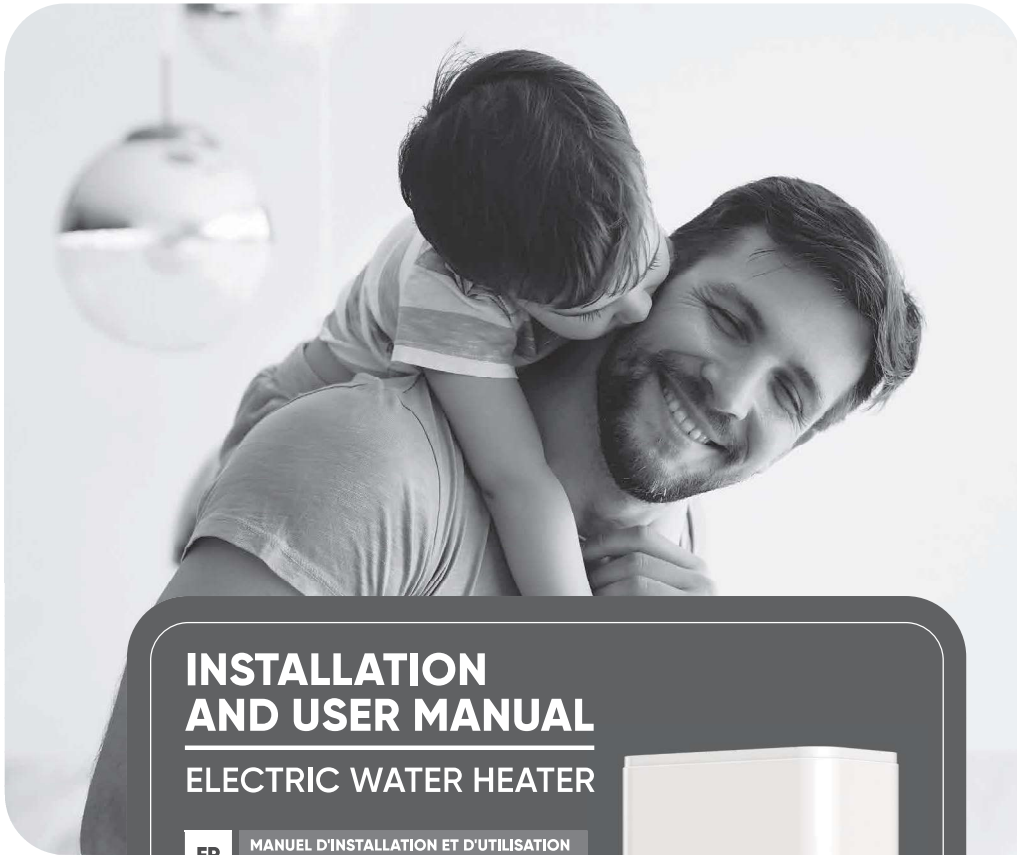




INSTALLATION AND USER MANUAL

ELECTRIC WATER HEATER

FR	MANUEL D'INSTALLATION ET D'UTILISATION Chauffe-eau électrique
IT	MANUALE D'USO ED INSTALLAZIONE Scaldabagno elettrico
PL	INSTRUKCJA INSTALACJI I UŻYTKOWANIA Elektryczny podgrzewacz wody
BG	РЪКОВОДСТВО ЗА МОНТАЖ И УПОТРЕБА Електрически бойлер
ES	MANUAL DE INSTALACIÓN Y USO Termo eléctrico
PT	MANUAL DE INSTALAÇÃO E DE UTILIZAÇÃO Aquecedor de água elétrico
SL	NAVODILA ZA INSTALACIJO IN UPORABO Električni grelnik vode
HU	TELEPÍTÉSI ÉS HASZNÁLATI ÚTMUTATÓ Villanybojler
HR	INSTALACIJSKI I KORISNIČKI PRIRUČNIK Električni grijač vode
AR	التثبيت ودليل المستخدم سخانات المياه الكهربائية



General warnings

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. This appliance can be used by children aged from 3 years and above and persons with reduced physical, 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 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 to 8 years are only allowed to operate the tap connected to the water heater.

INSTALLATION

Caution: Heavy items – handle with care.

- Install the appliance in a room protected from frost.
- Position the appliance where it can be accessed.
- If the appliance is damaged because the safety device has been tampered with, it is not covered by the warranty.
- If the appliance is to be installed in a room or location where the ambient temperature is constantly above 35 °C, ensure that the room is correctly ventilated.
- When installed in a bathroom, do not install the appliance in volumes V0, V1 and V2 (see the figures on page 5). If there is not enough space, they can be installed in volume V2 or the highest possible in volume V1 for horizontal models.
- Make sure that the wall on which the appliance is mounted can support the weight of the appliance when filled with water.
- Refer to installation figures (pages 5-9).
- Installation of vertical wall-mounted water heater: To facilitate future replacement of the heating element, leave clear space (300 mm up to 100 litres and 480 mm for higher capacities) below the ends of the appliance pipes.



This manual should be kept even after the product has been installed.

General warnings

- If the appliance is set up in a suspended ceiling or attic, or above living space, a drain pan must be installed underneath the water heater. A drainage device connected to the sewer system is required.
- This product is intended for use at a maximum altitude of 2000 m.
- This water heater is fitted with a thermostat with an operating temperature of more than 60 °C at its maximum position, capable of reducing the growth of legionella bacteria in the tank.

Caution! Above 50 °C, water could cause immediate burns. Check the water temperature before taking a bath or shower.

HYDRAULIC CONNECTION

- A new safety device which conforms to current standards (EN 1487 in Europe), pressure 0.8 MPa (8 bar) and size 1/2» in diameter must be fitted. The safety valve must be protected from frost.
- The pressure relief valve drainage device must be activated on a regular basis in order to remove limescale deposits and to check that it is not blocked.
- A pressure reducer (not supplied) is required if the supply pressure is greater than 0.5 MPa (5 bar) and will be installed on the main supply pipe.
- Connect the safety unit to a discharge pipe, kept in the open air, in a frost-free environment, continuously sloping downwards to drain off the heat-expanded water or to allow for drainage of the water heater.
- DRAIN: Turn off the power and cold water supply, open the hot water taps then operate the drainage valve of the safety device.

General warnings

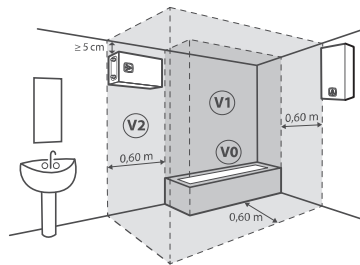
ELECTRICAL CONNECTION

- Be sure to turn off the power before removing the cover, to prevent any risk of injury or electric shock.
- If the safety device is tripped, cut the power before any operation and have the circuit breaker reset by a professional.
- Upstream of the appliance, the electrical installation must have an all-pole cut-out device (circuit-breaker, fuse) compliant with the local installation rules in force (30 mA residual current device).
- If the cable is damaged, it must be replaced with a cable or a special pack available from the manufacturer or the After-Sales service.
- Earthing is mandatory. A special terminal marked  is provided for this purpose.
- Products including a battery: There is a risk of explosion if the battery is replaced with an incorrect battery. Dispose of used batteries in accordance with local regulations.
- The user manual for this appliance can be obtained from the After-Sales service.
- These appliances comply with directives 2014/30/EU relating to electromagnetic compatibility, 2014/35/EU relating to low voltage, 2015/863/EU and 2017/2102/EU relating to ROHS and 2013/814/EU which completes directive 2009/125/EC relating to ecodesign.
- Do not throw your water heater in the garbage, but drop it in a place assigned for this purpose (collection point) where it can be recycled. 

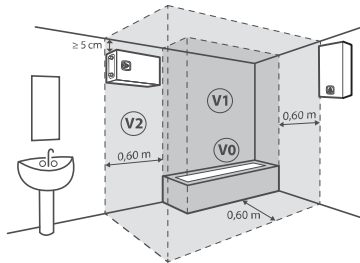
1. Installing the appliance

Specific instructions for installation in a bathroom

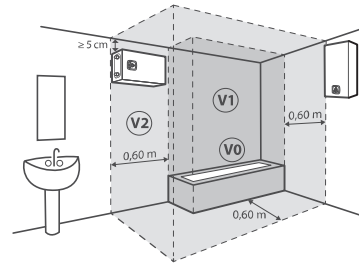
- Installation outside areas V0, V1 and V2 (NF C 15-100).



If the bathroom dimensions do not allow the water heater to be positioned outside volumes V0, V1 and V2:



It is then possible in area V2



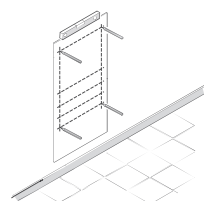
or possible in area V1, if:

- the water heater is horizontal and positioned as high up as possible (40, 65 and 80 L only)
- the pipes are made from a conductive material
- the water heater is protected by a circuit breaker with a residual differential current (30 mA) connected upstream of the water heater

2. How to install your water heater

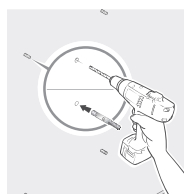
2.1 Vertical wall-mounted water heater:

- 1 Position the drilling template (printed on the packaging) on the wall surface and mark the points corresponding to the water heater model, ensuring the minimum clearance spaces to be left around the water heater are respected (see diagram A).



- 2 Drill and plug the water heater, using attachments which are 10 mm in diameter (Ø) suitable for your wall type (drywall, concrete, brick).

Important: your wall must be able to bear the weight of the water heater when filled.

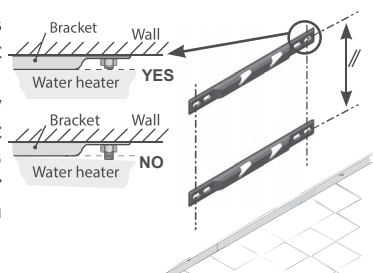


Indicative weight of the filled water heater

Range	Capacity	Mass
Flat	25 L	45 kg
	40 L	70 kg
	65 L	100 kg
	80 L	120 kg

- 3 Securely attach the brackets, and use a rule to check the distances between the brackets. The elements used for mounting must not protrude beyond the contact surface with the water heater.

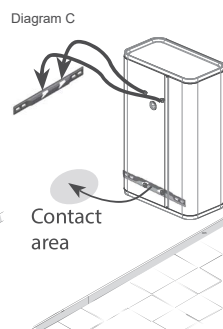
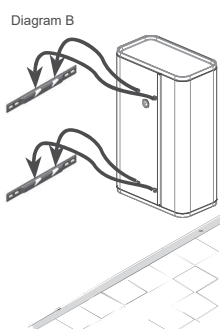
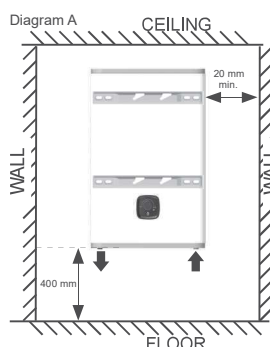
PLEASE NOTE: For models 25/40/65/80 L, if the wall is sufficiently sturdy, it is possible to use a single bracket for mounting. To ensure it is secure, position the lower bracket in the corresponding mountings on the water heater, with the openings facing down. The lower bracket acts as a stop, resting on the wall without screws (Diagram C).



- 4 Lift and fit your water heater against the bracket(s), taking care to position the mountings on top of the brackets.

- 5 Lower the water heater until the mountings engage in the notches.

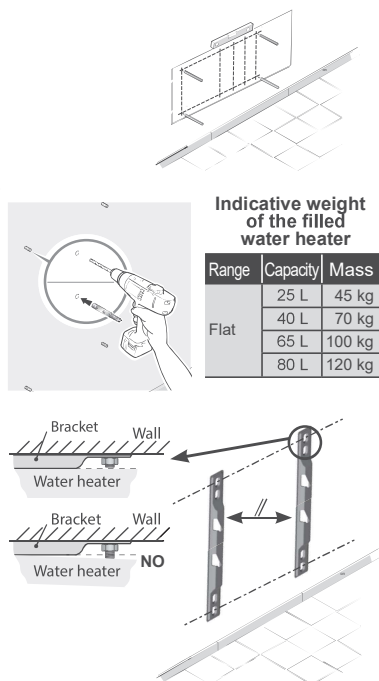
Once the mountings are engaged, it will no longer be possible to slide the water heater from side to side without exerting significant force.



The hot water outlet must be positioned to the left of the water heater.

2.2 Horizontal wall-mounted water heater

- 1 Position the drilling template (printed on the packaging) on the wall surface and mark the points corresponding to the water heater model, ensuring the minimum clearance spaces to be left around the water heater are respected (see diagram E).
- 2 Drill and plug the water heater and use attachments of at least 10 mm in diameter ($\varnothing$) suitable for your wall type (drywall, concrete, brick).
Important: your wall must be able to bear the weight of the water heater when filled.
- 3 Securely attach the support brackets, and use a rule to check distances between the brackets. The elements used for mounting must not protrude beyond the contact surface with the water heater.
- 4 Lift and fit your water heater against the bracket(s), taking care to position the mountings on top of the brackets (diagram F).
- 5 Lower the water heater until the mountings engage in the notches. Once the mountings are engaged, it will no longer be possible to slide the water heater from side to side without exerting significant force.



PLEASE NOTE: The cold water inlet and the hot water outlet must be positioned on the left. The hot water outlet must be positioned upward.

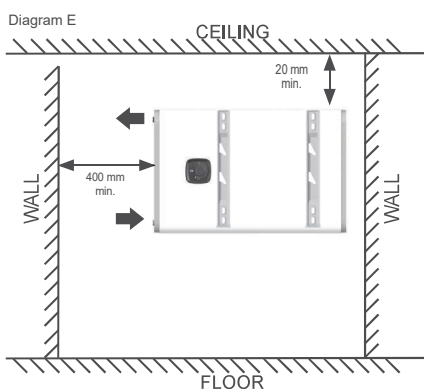
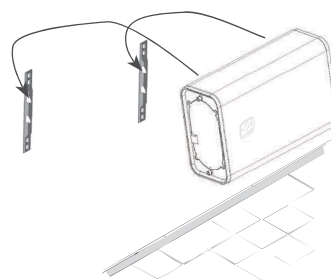


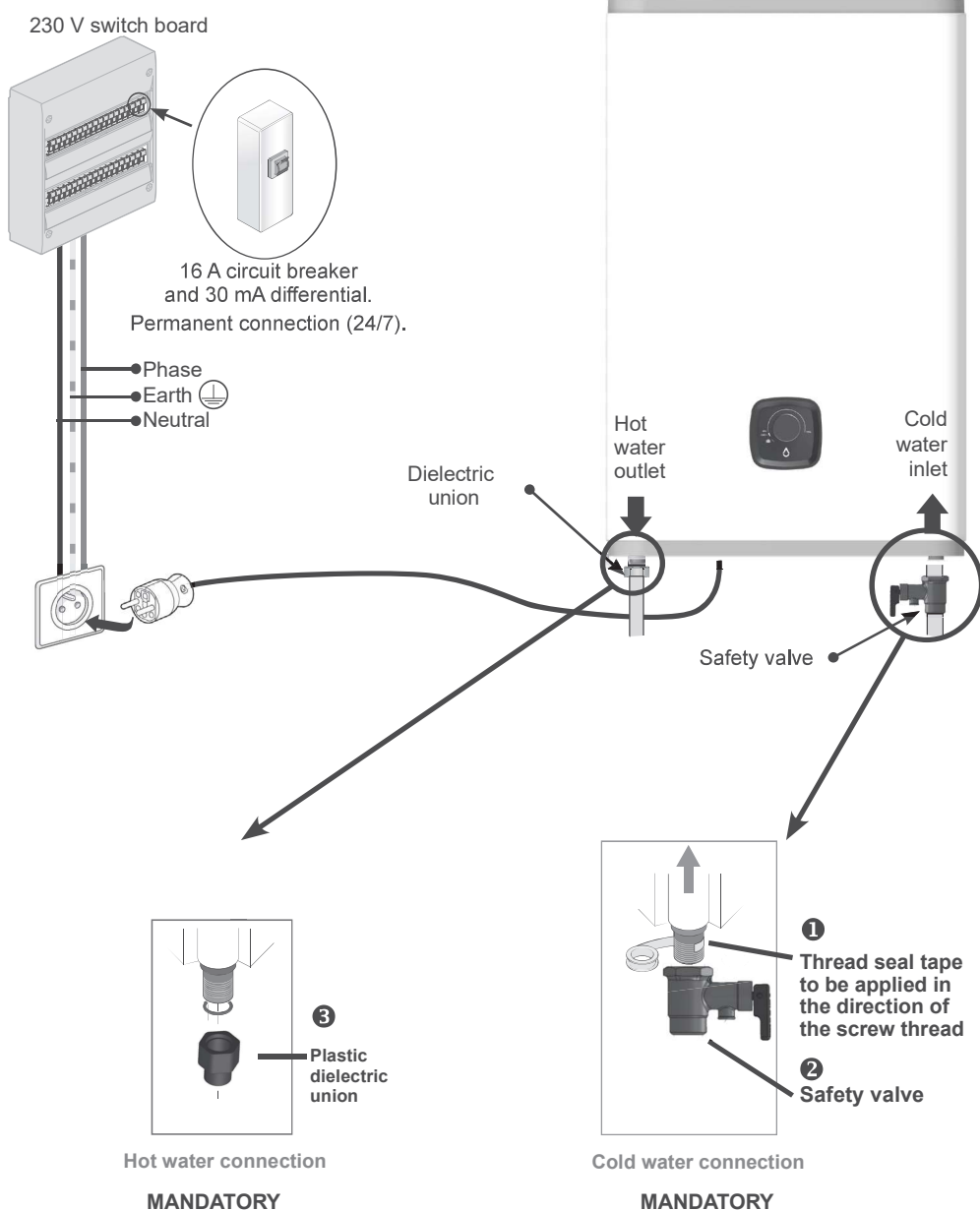
Diagram F



The mounting brackets do not enable any configuration other than those set out in this manual. Using the brackets to attach the water heater to the ceiling is strictly PROHIBITED.

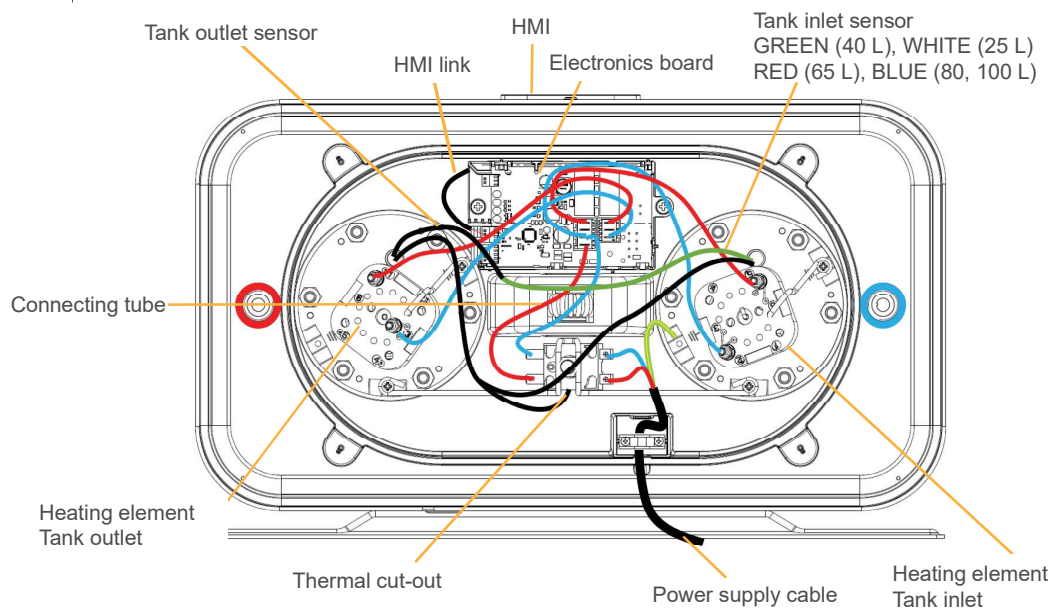
3. Electrical and hydraulic connection

Example for suspended device

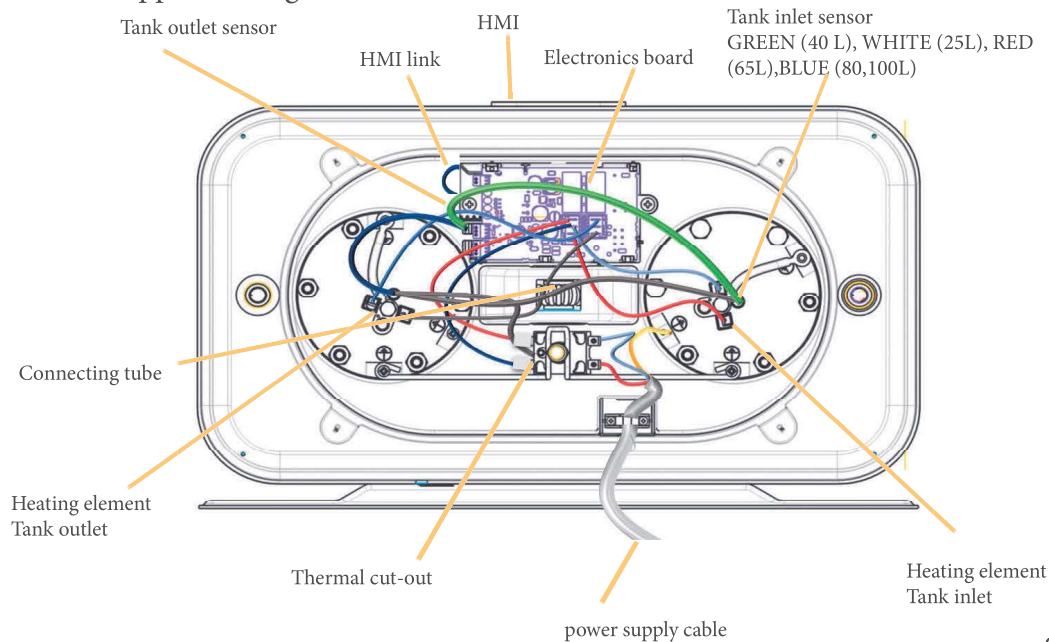


Be sure to turn off the power before removing the cover, to prevent any risk of injury or electric shock.

3.1 Steatite heating element models



3.2 Copper heating element models





3.3 Indicator status

Indicators	Indicator status	Meaning
	Lit	Absence mode activated: water heater frost-protected (7°C).
	Lit	ECO+ mode activated; the water heater starts learning consumption patterns to adapt to the user's needs and provide energy savings, while guaranteeing comfort levels
	flashing pulsing	Heating in progress; there is less than 1 shower's worth of hot water available
	Lit	When the indicator is continuously lit, it means that the first shower is available.
	Orange	There is a water heater malfunction. Look up the malfunctions list below or contact your installer

4. Parts that can be replaced

- PCB
- HMI
- Safety thermostat

- Temperature sensor
- Heater body
- Magnesium anode

- Seal
- Cover
- Connection tube

This device has anti-corrosive protection comprising magnesium anodes. These anodes must be checked every two years / every year if using a softener set below 8°F and/or in case of a high-use profile.

To open the cover, you need to make sure that the device's power supply is off, exclusively by means of a voltage absence tester on the connection



Replacing the heater body automatically entails replacing the seal. Replacement operations must be performed by a qualified person using the manufacturer's original parts.

5. Troubleshooting assistance

Flashing indicators

	Indicators	Indicator status	Meaning	Comment / solution
ERR. 10		Continuously lit orange	Communication error between the PCBs	-Check that the link cable between the regulation board and the interface is correctly connected.
ERR. 3		Flashing orange	Regulation sensor fault	-Check the connection of the sensors to the regulation board (If during commissioning: check that the sensors are not the wrong way round. - Check for moisture. - Check the resistance value of the sensors, and replace if out of range (curve on next page).



6. How to use my water heater

When you first power the device, it will be in "Eco+" mode



"ECO+" mode:

The water heater learns your usage routines and automatically produces the daily quantity required, to ensure that you get the best "Comfort/ Saving" compromise. This mode is designed for a regular life rhythm. In case of a power outage or switching to manual mode, the learning is reset.



Manual mode:

Good to know: The **setpoint temperature** is the T° of the water stored in the tank, which is used to provide a given **V40**. The **quantity of hot water (or V40)** is the volume of water available in the tap at an average usage temperature of 40°. It is obtained by mixing cold water from the mains and hot water from the tank.

Custom setting of the **quantity of hot water via the control knob, between min. and max.** The latter can be adjusted using the **setpoint temperature of the water stored in the tank (see Good to know).**



Absence mode:

When you will be away for an extended period, this mode keeps the temperature at approximately 7°C (for frost prevention).

To exit this mode: turn the control knob to Eco+ or Manual mode.

If the water heater is switched back to ECO+ mode, it will have memorised the learning already acquired.

After 2 days of being in absence mode then exiting this mode it activates an anti-Legionella cycle (activated automatically every 30 days or whenever you exit Absence mode): The water is kept at 62°C for 1 h to prevent bacteria development

Water drop display:

Continuously lit: Indicates when the first shower is available.

Slow, gradual flashing: Indicates the quantity of hot water being heated.

Quick, distinct flashing: confirms entry into manual mode and temperature setpoint selection.

In case of a problem, the water drop will be displayed orange (continuously lit or flashing) (see "troubleshooting" section in the manual)

7. Maintenance

CAUTION: Before removing the plastic cover, make sure the power is turned off to avoid any risk of injury or electric shock.

7.1 User maintenance

Operates once a month the discharge of the safety valve to prevent scaling deposit and verify that the safety device is not blocked. If this is not done, damage may be caused and the guarantee invalidated. For an installation with a booster pump; before starting up, after a long period of disuse, turn the rotor following the advice in the manufacturer's instructions.

7.2 Maintenance by a qualified person

- **Scaling:** Remove the scale sludge. Do not scrape or hammer the lime scale deposited on the casing, as this may damage the lining.
- **Magnesium anode:** change the magnesium anode every 2 years or when its diameter is lower than 10 mm.
- **Heating element:** the replacement of a sheathed heating element involves draining of the water heater and replacement of the flange gasket. Reassemble the heating element, reasonably tight nuts (cross tightening), check that there is no leakage after the first heating-up, tighten again if necessary.
- **Drain:** Turn off power and cold-water supply. Open hot water taps and drain valve of the safety device.
- **Spare parts list:** thermostat, flange gasket, heating element, heating light indicator, magnesium anode, connection wires, electric switch. The guarantee requires genuine manufacturer's parts to be used.

7.3 Advice to the user

- When the water has a TH > 20°F, it is recommended that this be treated. When a softener is used, the water hardness must remain above 15°F
- In case of prolonged absence, especially in winter, drain your appliance following the procedure above.

8. Scope of the Warranty

This warranty does not cover malfunctions due to:

8.1 Abnormal environmental conditions

- Various damage caused by shocks or falls during handling after leaving the factory.
- Installing the appliance in a location subject to freezing or bad weather (humid, harsh or poorly ventilated environments).
- Using water with hardness criteria as defined in DTU Plumbing 60-1 addendum 4 hot water (chlorides, sulphates, calcium, resistivity and CAT).
- Water hardness < 15 °f.
- Failure to conform to the standards (EN 50160) for electrical networks (e.g. power supply with minimum or maximum voltage, incorrect frequencies).
- Damage resulting from problems that could not be detected due to the choice of the installation location (difficult access) and which could have been avoided by immediate repair of the appliance.

8.2 Installation that is not in compliance with regulations, standards and best practices

- New safety unit which complies with the EN 1487 standard not installed or installed incorrectly, or installed with altered settings, etc.
- Direct installation on the water heater of a hydraulic system preventing the operation of the safety device (pressure reducer, stopcock, etc.) (see page 14).
- Abnormal corrosion of the inlets (hot or cold water) following incorrect hydraulic connection (poor sealing) or absence of dielectric sleeves (iron/copper direct contact).
- Faulty electrical connection: not in compliance with standard NF C 15-100 or standards in force in the country, improper grounding, insufficient cable length, connection with flexible cables, failure to comply with the wiring diagrams as recommended by the manufacturer.
- Appliance positioned in contravention of the instructions in the user guide.
- External corrosion due to poor water tightness of the piping.
- Electrical protection enclosure not installed or incorrectly mounted.
- Cable routing not installed or incorrectly mounted.
- Falling of the appliance due to the use of fixings not suited to the mounting support.

8.3 Defective maintenance

- Abnormal scaling of heating components or safety components.
 - Failure to perform maintenance on the safety unit, resulting in overpressure.
 - Alteration of the original equipment, without contacting the manufacturer, or using spare parts not referenced by the manufacturer.
 - Failure to observe the maintenance conditions for the magnesium anode (see paragraph 8.3).
- These appliances comply with directives 2014/30/EU relating to electromagnetic compatibility, 2014/35/EU relating to low voltage, 2015/863/EU and 2017/2102/EU relating to ROHS and 2013/84/EU which completes directive 2009/125/EC relating to ecodesign.

9. Warranty

The water heater must be installed, operated and maintained in accordance with the state of the art and with the standards in force in the country of installation and the instructions in this manual. In the European Union this unit has the legal guarantee granted to consumers under Directive 1999/44/EC, this warranty is effective from the date of delivery of the goods to the consumer. In addition to the legal guarantee, some products have an extended warranty, limited to the free replacement of the tank and components recognized as defective, excluding replacement and transport cost. Refer to the table below. This warranty does not affect any rights you may benefit from as a result of the application of the statutory warranty. It applies in the country of purchase of the product, provided it is also installed on the same territory. Any damage must be reported to the depositary before exchange under warranty, and the unit will remain available to insurance experts and the manufacturer.

Legal guarantee	2 years
Additional commercial warranty on tanks and heating element sleeve	+ 5 years

Exclusions: Wear parts: magnesium anodes ... Equipment which cannot be accessed (access difficult for repair, maintenance or assessment). Devices exposed to abnormal environmental conditions: frost, outdoor weather, water with abnormal chemical characteristics outside drinking water criteria, mains network with power peaks. Equipment installed without observing current standards in the country of installation: absence or incorrect safety device, abnormal corrosion due to incorrect hydraulic fittings (iron/copper contact), incorrect earthing, inadequate cable thickness, non-observance of the connection drawings shown in these instructions. Equipment not maintained in accordance with these instructions. Repairs or replacement of parts or components in the equipment not carried out or not authorised by the company responsible for the guarantee. Change of a component does not extend the warranty period for the device. The warranty shall apply to products that are defective and appraised by the company liable for warranty. It is compulsory to keep the products available to the latter.

To claim under guarantee, contact your installer or dealer. If necessary, contact: Groupe Atlantic
Tel: (+33)146836000, Fax: (+33)146836001, 2 allée Suzanne Pénillault-Crapez 94110 Arcueil (France), who will inform you of what you should do.

Type / Reference :		Stamp dealer
Serial number:		
Name and address of customer:		