atlantic

GROUPE ATLANTIC
UK, ROI & NORTH AMERICA DIVISIONS

AGILA DIGITAL

COMPACT GENTLE HEAT RADIATOR

All electrical appliances produced for the Company are guaranteed for one year against faulty material or workmanship. This applies only if the appliance has been used for purposes in accordance with the instructions provided and has not been connected to an unsuitable electricity supply, or subject to misuse, neglect, damage or modified or repaired by any person not authorised by the Company. This guarantee is offered to you as an extra benefit and does not affect your legal rights. The correct electricity supply voltage is shown on the rating label attached to the appliance. Reasonable care has been taken to ensure that this guide is accurate at the time of printing. In the interest of progress the Company reserve the right to vary specifications from time to time without notice.

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- Caution very hot surface.
CAUTION:
Some parts of this product can become very hot and cause burns. Particular attention is required when children and dependent individuals are present.

Children under 3 must be kept away from this appliance, unless they are under constant supervision.

Children between the ages of 3 and 8 must only turn the appliance on or off provided that the appliance has been positioned or installed in a normal intended position and provided that the children are supervised or have been instructed with respect to the safe use of the appliance and that they fully understand the potential dangers. Children between the ages of 3 and 8 must not connect, adjust or clean the appliance or perform any product maintenance.

This appliance can be used by children who are at least 8 years old and by persons with limited physical, sensory or mental abilities or without any experience or knowledge of the appliance if they are properly supervised or if they have been given instructions with respect to the safe use of the appliance and if the potential risks have been understood. Children must not play with the appliance. Cleaning and maintenance of the appliance by the user must not be performed by children without supervision.

To prevent overheating and for safety reasons, do not cover the heating appliance.

The operating instructions for this appliance are available from our website or by contacting the after-sales department.

: Appliances with this symbol must not be disposed of in household waste but must be collected separately and recycled. The collection and recycling of end-of-life products must be carried out according to local provisions and orders.

PREPARING FOR INSTALLATION OF THE APPLIANCE

1- Installation of the appliance

Your appliance is delivered with its own wall bracket. However, the choice of screws and of wall plugs depends on the nature of your wall and you are responsible for ensuring that you use screws and wall plugs that are adapted to the weight of the appliance.

Once the cardboard box cover has been removed, you can remove the wall bracket, which you can then use as a hole drilling template.

To facilitate connection, this appliance has been designed so that it stands upright throughout the connection period. For a Vertical appliance, ensure that the appliance is placed in its wedge against the wall until it is placed on the wall bracket.

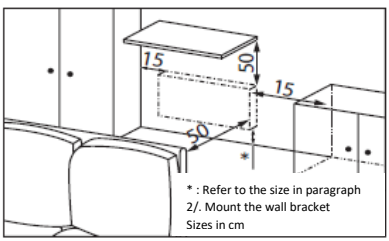
2 - Installation guidelines

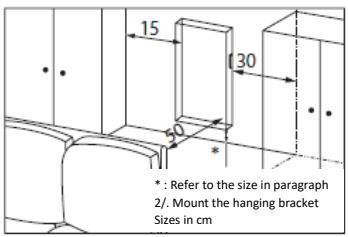
This appliance has been designed to be installed in a residential room.

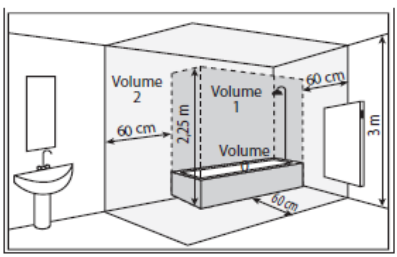
The installation must be carried out implementing best practices and in accordance with the current standards in the country of installation (NFC 15100 for France).

Observe the minimum distances from furniture when locating the appliance (refer to the diagram).

Do not install shelving above vertical appliances.







If you have a foam-mounted wall covering then a wedge having the same thickness as the foam must be placed under the appliance's bracket so that an open space is maintained behind the appliance to prevent any interference with its adjustment.

Do not install the appliance:

- **In an air current that is likely to interfere with its adjustment (under a Centralised Mechanical Ventilation system, etc.).**
- **Under a fixed electric socket.**
- **In bathroom areas shown as 'Volume 1' in the above diagram.**

Appliances used in bathrooms must be installed so that the switches and other devices for controlling the appliance cannot be touched by an individual in the bath or the shower.

	Installing an appliance at altitude increases the air outlet temperature (by approximately 10°C per 1,000 m of elevation).

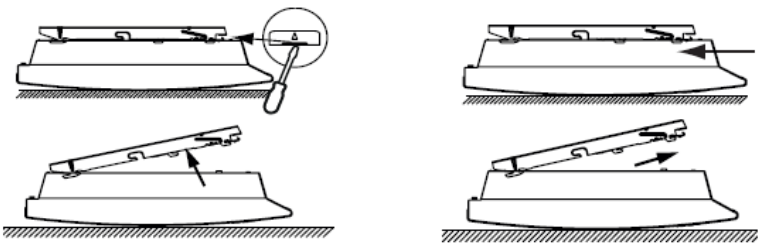
Installing the appliances above an altitude of 1,000 m is not recommended (risk of faulty operation). Installing a vertical appliance horizontally, and vice versa, is prohibited. Using the appliance in a mobile configuration, on feet or on rollers, is prohibited.

INSTALLING THE APPLIANCE

1 - Unlocking the hanging bracket from the Horizontal appliance

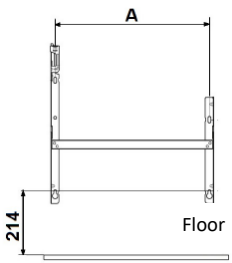
We recommend leaving the appliance in its protective wedges and laying it flat, face downwards.

- Use a screwdriver to lift the tab, without deforming the tab.
- Push the bracket downwards to disengage the upper hooks.
- Pivot the hanging bracket.
- Then remove the bracket.



2- Mounting the hanging bracket

Horizontal Model

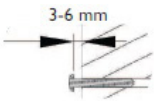


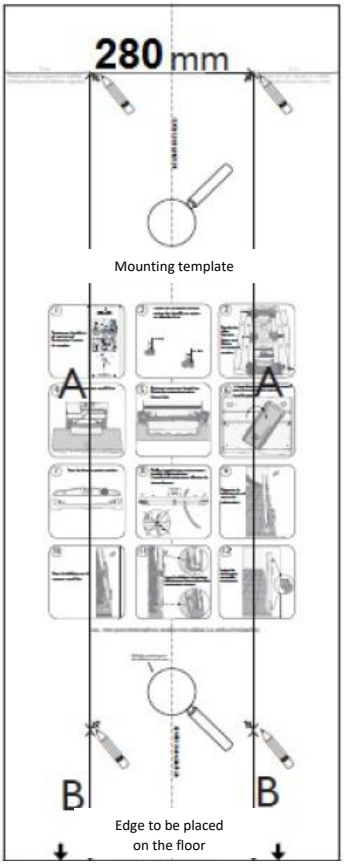
Vertical Model

- Procure wall plugs and screws that are adapted to your type of wall according to the weight of the appliance (*the screws and wall plugs are not supplied*).
- Use the mounting template.
- Find the middle of the radiator using the dashed line.
- Find the 4 drilling points for mounting the radiator and mark them with a pencil.

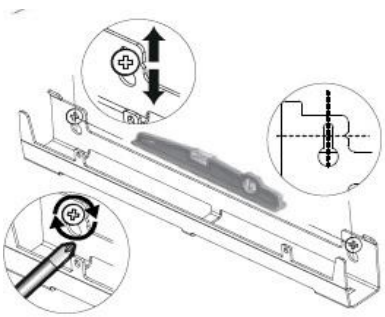
Power	A	B
1500 W	1082	456
2000 W	1230	456

- Drill the 4 mounting holes for the radiator and insert the wall plugs.
- Insert the screws into the wall plugs *(leave the screws protruding by 6 mm maximum)*.





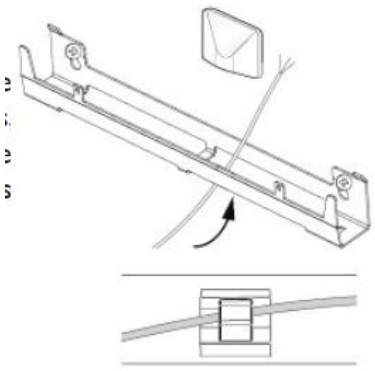
- Position the bracket by passing the screw heads through the slots.
- Before commencing screwing, align the lower wall bracket marks with the 2 screws.
- Ensure that the brackets are level.
- Screw in the brackets.



CONNECTING THE APPLIANCE

Vertical Model

If the electrical junction box is located above the lower wall bracket, then connect by passing the power supply cable through the bracket. This avoids pinching the cable.



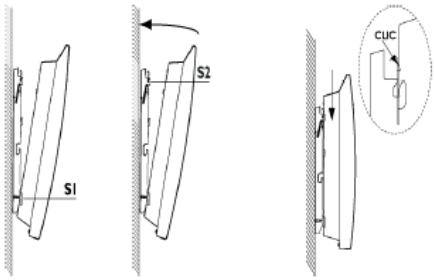
Connection guidelines

- The appliance must be supplied with 230 V 50 Hz.
- The radiator power supply must be directly connected to the network downstream of the omnipolar cut-off device in accordance with the installation guidelines. A 3-wire cable (Brown = Phase, Blue = Neutral, Black = Pilot wire) is used to connect to the supply circuit through a junction box.
- In humid rooms, such as kitchens and bathrooms, the junction box must be installed at least 25 cm from the ground. The installation must be equipped with a circuit-breaker type protective device, with a 30 mA differential.
- **Connection to ground is prohibited. Do not connect the pilot wire (black) to ground.**
- If the power supply cable is damaged, it must be replaced by the manufacturer, their after-sales department or by a similarly qualified individual for safety reasons.
- If the control or controlled device is protected by a 30 mA differential (for example: in the bathroom), the power supply for the pilot wire on this differential needs to be protected.

MOUNTING THE APPLIANCE

Horizontal Model

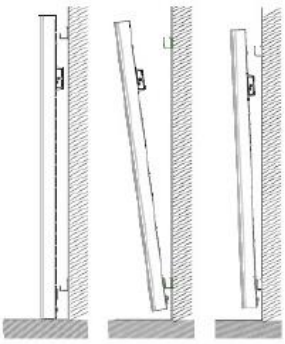
- Place the appliance on the S bracket as per the diagram.
- Move the appliance towards the bracket, then lift the appliance (arrows 1 and 2).
- Introduce the mounting brackets into the holes on the appliance, then lower the appliance (arrow 3).
- Lock the appliance by rotating the 2 V-locks by a half turn, your appliance is now mounted.



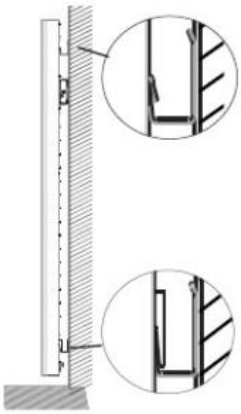
To unlock

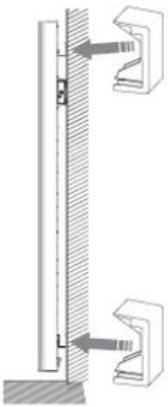
Vertical Model

- Place the radiator on the ground in front of the wall brackets.
- Lift the radiator in order to place the radiator's lower hooks on the lower wall bracket.
- Move the top of the radiator towards the upper wall bracket until they make contact.



- Gently lift the radiator away from the wall.
- Move the top of the radiator towards the wall.
- Gently lower the radiator.
- Place the upper hooks onto the upper wall bracket and the lower hooks onto the lower wall bracket.
- Lock the radiator onto the brackets by clipping-in the 4 plastic covers to ensure that the appliance is properly mounted.



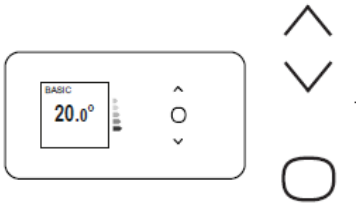


MAINTENANCE

Before performing any maintenance work, turn off your appliance by turning the On/Off switch to the 0 position.

In order to maintain the performance levels of your radiator, dust needs to be removed from the lower and upper grills of the appliance approximately two times per year using a vacuum cleaner or a brush. The appliance can be cleaned using a damp cloth; never use abrasive products and solvents. In a polluted environment, dirt can appear on the appliance's grill. This phenomenon is associated with the poor quality of the ambient air. In this case, we recommend checking that the room is properly ventilated (ventilation, air inlet, etc.). This dirt does not constitute grounds for warranty replacement of the appliance.

OPERATING PRINCIPLE



- Increase or decrease the temperature
- Navigate the menus

- Access the menus
- Confirm
- Turn off
- Lock / unlock

DESCRIPTION OF THE MODES

2 operating modes are provided:

Basic
The appliance continuously adheres to the adjusted setpoint temperature.

Prog
- Either the appliance adheres to the internal program defined for each day of the week. The following periods are defined when the appliance is turned on:
Monday to Friday, comfort from 05:00 hrs to 09:00 hrs and from 17:00 hrs to 23:00 hrs.
Saturday and Sunday, comfort from 05:00 hrs to 23:00 hrs.

You can change these periods and define 3 Comfort temperature periods per day.

Throughout these Comfort periods, the temperature setpoint is adjusted using ∧ or ∨.

Outside the Comfort periods, lowering the temperature is adjusted in the "Lower ECO T°" Prog mode (*refer to "The PROG mode menu" chapter*).

- Or the appliance adheres to instructions from the external programming system for your installation (*refer to the instructions for your programming control unit*).

To access mode selection, press ▢, then confirm the modes screen ⁘ using ▢.

Select the desired mode using ∨, then confirm using ▢.

THE SWITCH

An On/Off switch is located behind the appliance's casing.

Only use the switch for an extended shut-down period (outside the heating period).

Set the switch (located behind the appliance) to I to turn on the appliance. When the appliance is turned off, the day and the time may need to be reset.

TURNING THE APPLIANCE ON / OFF

To turn off the appliance, press and hold ▢.
Confirm "*Turn off*" by pressing ▢.
To turn on the appliance, press and hold ▢.
You can also stop the appliance through the main menu by pressing ▢, then confirming the screen ⁘ using ▢.

Select the desired Mode using ∧ or ∨, then confirm using ▢.

LOCKING COMMANDS

To prevent operation by children, you can lock your appliance's commands by pressing and holding ▢.

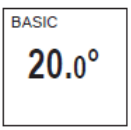
Select "Lock" 🔒 and confirm using ▢.

Perform the same procedure for unlocking the commands, but select "Unlock" 🔓.

ADJUSTING THE TEMPERATURE

Use the consumption indicator to optimise your adjustment. When the consumption indicator is level with the green symbol, your temperature level is below or equal to the recommended temperature.

In BASIC mode:

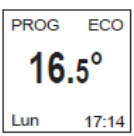


- Increase using ∧ (*max. 28°C*).
- Decrease using ∨ (*min. 12°C*).
- Decrease still further to 7°C (*the Frost Protection temperature cannot be changed*) using ∨.

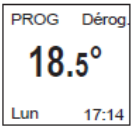
In PROG mode:

If the screen displays PROG, you have accessed a programming range in Comfort mode.

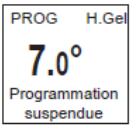
- Increase using ∧ (max. 28°C).
- Decrease using ∨ (min. 12°C).



If the screen displays PROG ECO, you have accessed a programming range in ECO mode (by default -3.5°C compared to the Comfort temperature).



The ECO temperature can be changed, you thus bypass the pre-set temperature reduction.
(*refer to "The PROG mode menu" chapter*).



If you have adjusted a Frost Protection temperature (7°C), programming is suspended.
Change this temperature when you want to resume programming.

USING THE INTERNAL PROGRAMMING

Changing the programs

You can program up to 3 Comfort temperature periods for each day of the week. Outside the Comfort periods, any reduction is adjusted in the "Lower ECO T°" Prog mode (*refer to "The PROG mode menu" chapter*).

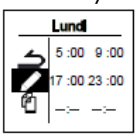
Activate the

mode.

Access the

menu.

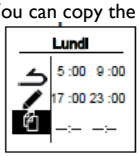
Select the day using ∧. Confirm ▭.



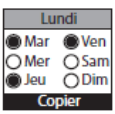
Select ✎. Confirm ▭.
Select the start time for the 1st Comfort period using ∧ or ∨.
Confirm ▭. Select the end time using ∧ or ∨. Confirm ▭.
Complete the same operation for the 2nd Comfort period and then for the 3rd Comfort period or confirm ▭.

Copying a program

You can copy the program for one day to one (or more) day(s).



Select ⎘. Confirm ▭.
Scroll through the days using ∧ or ∨.
Confirm the day you would like to copy to using ▭.
Select "Copy" to confirm copying. Confirm ▭.



For example: Copying the program from Monday to Tuesday, Thursday, Friday.

Deleting a comfort temperature period.

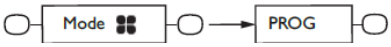
Select the day using ∧. Confirm ▭.

Select . Confirm .
On the start time, select 0:00 using . Confirm .
On the end time, also select 0:00 using , then confirm .

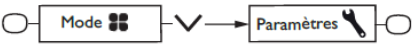
USING THE EXTERNAL PROGRAMMING

The appliance adheres to instructions from your installation's external control system through a Pilot Wire link.

Activate the mode.



Access the programming source.



Select prog. Source using . Confirm .
Select ext. Control using , then confirm .

OPEN WINDOW MENU

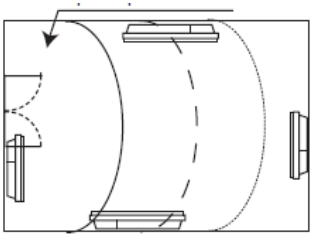
The Open Window menu enables detection of temperature variations associated with opening and closing your windows. If you forget to turn off your appliance while a window is open for a long period then this function overcomes this problem and avoids unnecessarily heating your appliance.

The appliance automatically switches to Frost Protection mode (7°C) when it detects an open window and returns to the setpoint temperature when it detects its closure (the detection time varies). The appliance reacts to the opening and closing of windows according to several variables, which particularly include:

- the desired temperature in the room;
- the outside temperature;
- the configuration of the installation.

The use of this function is not recommended in corridors and in rooms located in the vicinity of an entrance door opening onto the outside.

Best location zone.



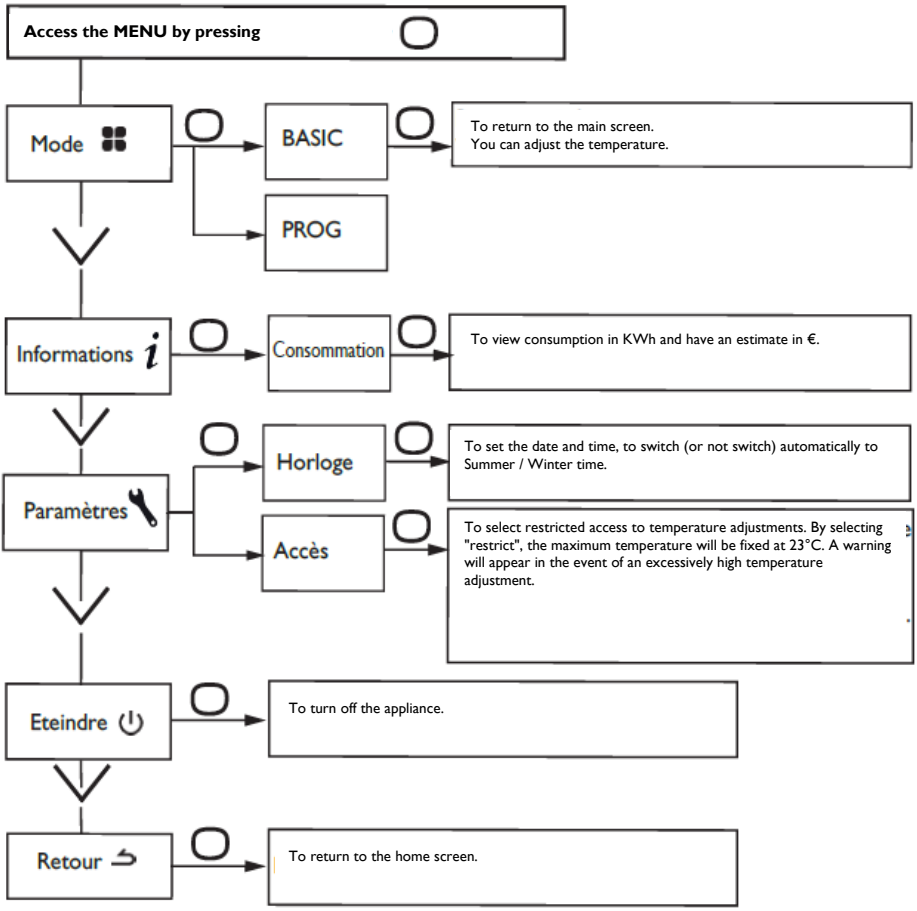
<u>The Open Window menu can be accessed from the Prog. Mode</u>

Press , confirm the screen using .
Press to reach the menu, confirm using .
Select Active or Inactive using or , then confirm using .

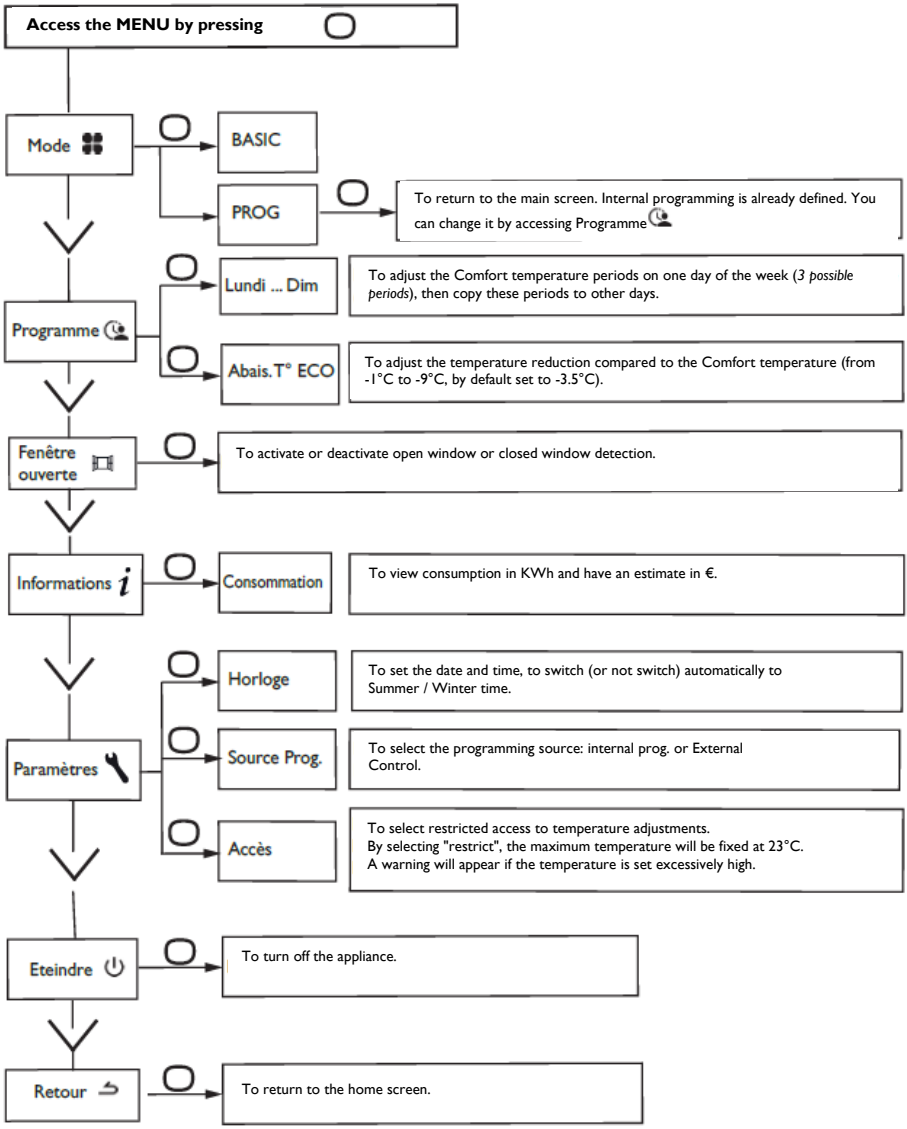
THE CONSUMPTION INDICATOR

Irrespective of the mode, you can access the power consumption indicator through the information menu . It will display consumption in KWh and the price in Euros.
To access the information menu , press , confirm the screen using .
Press to reach the menu, confirm using .
You can view the KWh price by scrolling to € using the arrow.

The BASIC mode menu

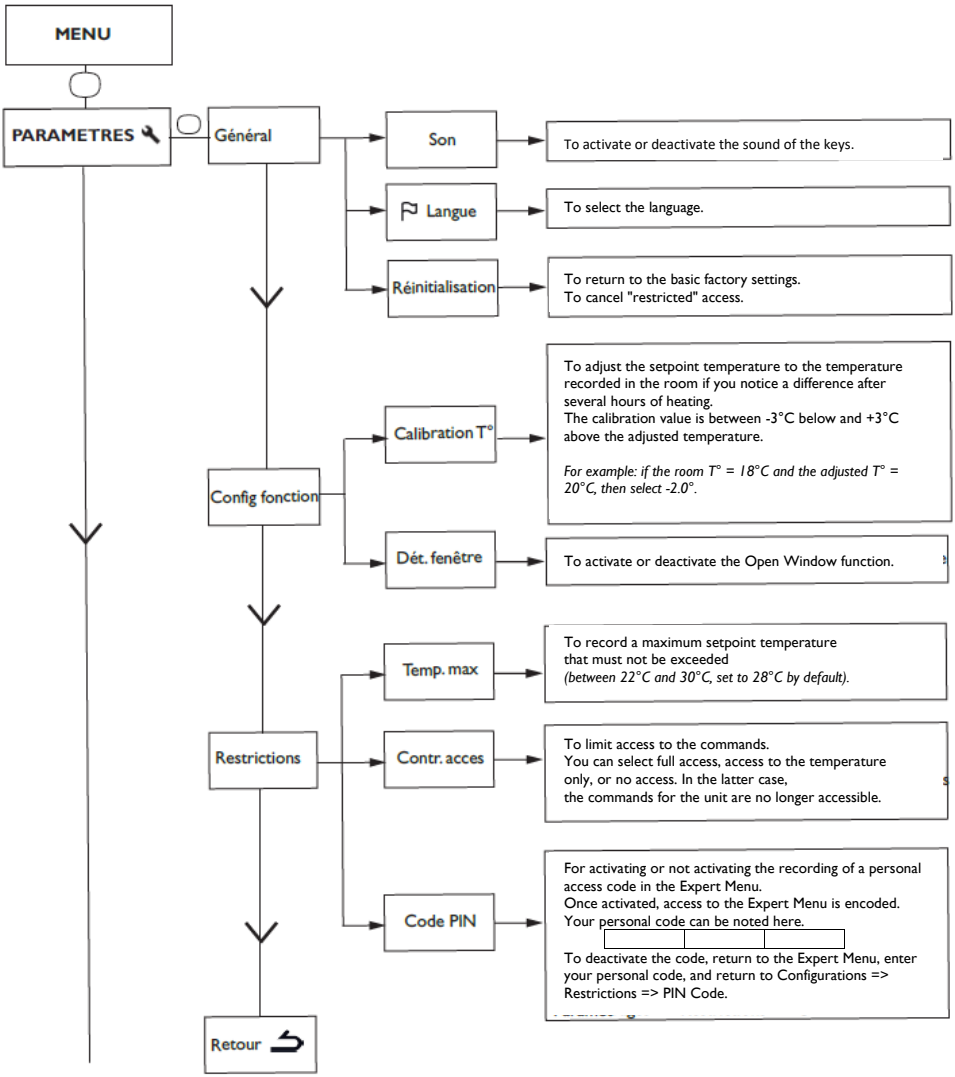


The PROG mode menu



The EXPERT menu

To access the appliance's advanced functions, press ▢ and ∧ together for more than 3 seconds.



Restrictions

You can restrict access to the temperature adjustment.
In the Basic mode or Prog. mode menus

Access Parameters ., select "Restrict":

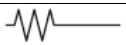
- The temperature will be fixed to a maximum of 23°C;
- A warning will appear if the temperature is increased, with a request for confirmation (compulsive overheating function);
- Access to the Expert Menu is secured using a PIN code.

Deactivation is possible by resetting the appliance (refer to the Expert Menu).

Power cut-off

Our appliances are compatible with various power cut-off systems. However, you should not use power cut-off by interrupting the supply circuit power supply since this system is incompatible with our appliances. Sudden unintentional and repeated interruptions to the electrical power supply cause premature wear and damage to the electronic boards that will not be covered by the manufacturer's warranty.
During power cut-off periods, the screen switches to standby.
The appliance then returns to its initial operating mode.

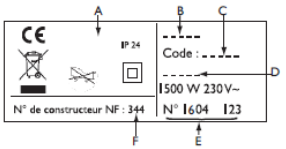
Problem encountered.	Checks to be undertaken.
The control unit screen does not turn on.	Check that the switch located behind the appliance is in the I position. Check the power supply to the appliance.
The ambient temperature differs from that displayed on the appliance.	A period of at least 6 hours needs to elapse for the temperature to stabilise. It is possible, depending on your installation, that you will record a temperature that differs from that displayed on the appliance (*a difference of 0.5° C is normal*). In this case, refer to the "Expert Menu", "T° Calibration" chapter.
The appliance does not heat up.	If you have accessed programming, check that you are within a Comfort time window. Check that the installation's circuit-breakers are triggered or that the cut-off device (*if present*) has not interrupted the operation of the appliance. Check the air temperature in the room: if it is too high compared to the setpoint temperature, the appliance will not heat up.
The appliance heats up continuously.	Check that the appliance is not located in an air current (*door open nearby, air escaping through the cable cover behind the appliance*) or that the temperature adjustment has not been changed. There may be a problem in the electrical network. In the event of a problem (*thermostat blocked, etc.*), cut the power supply to the appliance (*fuse, circuit-breaker*) for approximately 10 minutes, then turn the appliance back on. If the phenomenon repeatedly occurs, check the power supply with your energy distributor.
The appliance does not heat up sufficiently.	Increase the temperature by pressing ^ (*refer to the "Adjusting the temperature" chapter*). If the adjustment is at the maximum, perform the following checks: - Check whether there is another form of heating in the room; - Ensure that your appliance only heats up the room (door closed); - Check the power supply voltage for the appliance; - Check whether the power of your appliance is suitable for the size of your room (*we recommend an average of 100 W/m² for a ceiling height of 2.50 m or 40 W/m³).*
The surface of the appliance is very hot.	It is normal for the appliance to be hot when it operates, the maximum surface temperature is limited in accordance with the NF Electricity standard. However, if you feel that your appliance is always too hot, check that the power is suitable for the surface area of your room (*we recommend 100 W/m² for a ceiling height of 2.50 m or 40 W/m³)* and that the appliance is not placed in an air current that could interfere with its adjustment.
Traces of dirt appear on the wall around the appliance.	In a polluted environment, dirt can appear on the appliance's air outlets or on the wall. This phenomenon is associated with poor ambient air quality (*smoke from cigarettes, candles, incense, fireplaces, etc.).* In this case, we recommend checking the correct ventilation of the room (*ventilation, air inlet, etc.).*
The Expert Menu is not accessible.	Have you entered a PIN code? You must enter your code to access the Expert Menu (*refer to the Expert Menu chapter).* If you have forgotten your code, enter code 081.

<table>
<tr><td>The appliance does not follow the internal programming instructions.</td><td>Check that the date and time are set.
Check that the appliance is in PROG Mode and that internal programming is selected.</td></tr>
<tr><td>The appliance does not follow the external programming instructions.</td><td>Ensure that the programming unit is being used correctly (refer to the unit's operating instructions).
Check that the appliance is in PROG Mode and "Ext. control" programming source is selected.</td></tr>
<tr><td>The appliance does not respond to the instructions from the pilot wire.</td><td>Perform the following checks to check for the correct transmission of the programming instructions:
<table>
<tr><th>Instructions received</th><th>Oscilloscope Ref./ Neutral</th><th>Mode obtained</th></tr>
<tr><td>0 Volt</td><td></td><td>COMFORT</td></tr>
<tr><td>230 V
3 s/5 min</td><td> </td><td>COMFORT – 1° C</td></tr>
<tr><td>230V
7 s/5 min</td><td>  </td><td>COMFORT – 2° C</td></tr>
<tr><td>230 V</td><td> </td><td>ECO</td></tr>
<tr><td>– 115 V negative</td><td> </td><td>FROST PROTECTION</td></tr>
<tr><td>+ 115 V positive</td><td> </td><td>STOP HEATING</td></tr>
</table>
Within the context of programming using the pilot wire or a carrier current, the frost protection or power cut-off instructions have priority.
The delay for switching from the Comfort mode to the Eco mode is approximately 12 seconds.
The delay for switching from the Comfort -1/-2 mode to the Comfort mode is approximately 5 minutes.</td></tr>
</table>

If you have been unable to resolve your problem, contact your distributor/installer, with the details of the appliance readily available. These are located on the side of the appliance. Record the room temperature.

The commercial Code (C) and the serial Number (E) will inform the manufacturer of the type of appliance that you have acquired.

A Standards, quality labels
B Brand name
C Commercial code
D Manufacturer's reference
E Serial No.
F Manufacturer's No.



Model references	RCH-BD1P / RCV-BD1P		
Feature	Symbol	Value	Unit
Thermal power			
Nominal thermal power	Nom. P.	0.8 to 2.0	kW
Minimum thermal power	Min. P	0.0	kW
Maximum continuous thermal power	Max. P, c	2.0	kW

Auxiliary electricity consumption			
At nominal thermal power	Max. el	0.000	kW
At minimum thermal power	Min. el	0.000	kW
In standby mode	Sb. el.	0.00047	kW
Thermal power / room temperature control type			
Feature	Unit	Additional information	
Electronic control of the room temperature and weekly programmer.	yes		
Other control options			
Room temperature control, with presence detector.	no		
Room temperature control, with open window detector.	yes		
Remote control option.	no		
Adaptive control of activation.	no		
Activation duration limitation.	no		
Black globe sensor.	no		
Contact details	Same as back cover		

DOCUMENT TO BE RETAINED BY THE USER

(Only submit the certificate in the event of a claim)

- The warranty period is for two years from the date of installation or purchase and cannot exceed 30 months from the date of manufacture without justification.
- The warranty is only applicable in France.
- The warranty covers the exchange or the provision of parts acknowledged as defective, excluding any damage and interests.
- The user is responsible for labour, travel and transportation costs.
- Any damage resulting from a non-compliant installation or from a power supply network that does not comply with standard NF EN 50160, or from improper use or from non-compliance with the provisions of said instructions, is not covered by the warranty.
- Only submit the certificate in the event of a claim with the distributor or your installer, accompanied by your purchase invoice.
- The provisions of these warranty conditions do not prevent the buyer from benefiting from the advantages of the legal warranty for latent faults and defects that in any case are applicable according to the conditions of articles 1641 and following of the Civil Code.

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