

atlantic

Experts in **Electric Heating and Hot Water**

**GROUPE
ATLANTIC**
UK, ROI & NORTH AMERICA DIVISIONS

ACCESSIO

THERMOFLUID ELECTRIC RADIATOR



Safety warnings






Attention :
Surface très
chaude
Caution
hot surface

Caution hot surface.

CAUTION: Some parts of this product may become hot and cause burns. Particular attention is required when children and vulnerable people are present.

- Keep children under 3 years old away from the appliance, unless they are under continuous supervision.
- Children between 3 and 8 years old may only turn on/off the appliance provided that it has been placed or installed in its intended normal operating position and they are supervised or have received instructions concerning the safe use of the appliance and understand the potential hazards. Children between 3 and 8 years old must not plug in, regulate and clean the appliance or perform user maintenance.
- This appliance may be used by children aged 8 or above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instructions concerning the safe use of the appliance and understand the potential hazards. Children must not play with the appliance. Cleaning and maintenance by the user must not be carried out by unattended children.
- This appliance must be plugged in or connected only by an authorized person and in accordance with applicable rules and standards.
- If the power cable is damaged, it must be replaced by the manufacturer, its customer service or similar qualified persons in order to avoid any risks.
- When first heating up, a slight odor may appear due to the evacuation of traces associated with the manufacture of the appliance.
- A power management system or a load-shedding system (phase and neutral) is incompatible with our appliances. It will damage the thermostat.
- The operating instructions for this appliance are available on the manufacturer's website indicated on the warranty certificate contained in this manual.
- Never use abrasives or solvents for cleaning.

-The appliance is filled with a heat transfer fluid which is hazardous to health if swallowed. In the event of a leak, contact your installer and take any precautionary measures to avoid possible swallowing of the fluid by users, especially young children and vulnerable people.

	Warning: For your safety and to avoid overheating, do not cover the heater.
	Appliances with this symbol should not be disposed of with household waste, but should be collected separately and recycled. Collection and recycling of end-of-life products must be carried out in accordance with local laws and regulations.
	<i>The installation of an appliance at high altitude causes an increase in the air output temperature (approximately 10° C per 1000 m of altitude).</i>

Installation

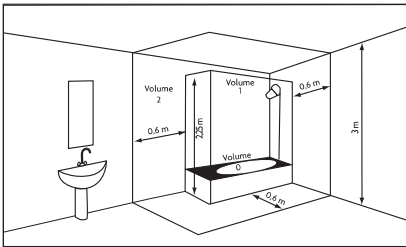
PREPARING THE INSTALLATION OF THE APPLIANCE

Installation Rules

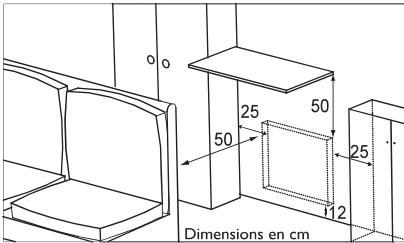
- This appliance has been designed for a residential installation. In any other case, please see your distributor.
- The installation must be carried out in accordance with normal trade practices and applicable standards in the country of installation (NFC 15-100 for France).
- The appliance must be powered with single phase 230 V 50 Hz.
- In humid areas such as bathrooms and kitchens, the power socket must be installed at 25 cm (9.8") minimum above the floor.

Keep the appliance away from any air draught which may disrupt its functioning (e.g. under a mechanical or centralized ventilation, etc.).

Do not install under a fixed power socket.



Volume 1	No electrical appliances
Volume 2	Electrical appliance IPX4 (Standard EN 60335-2-43: 2003/A2: 2008)



Observe the minimum distances with furniture for the location of the appliance

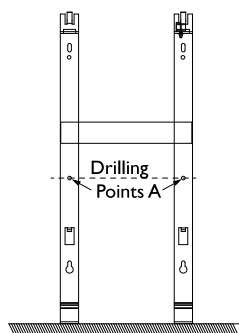
Despite all the care taken during the various manufacturing steps, some oil traces may appear on the cardboard or the product upon unpacking. These traces come from the manufacture of the appliance and do not interfere in any way with its good functioning. Simply wipe off any traces of oil with absorbent paper

SECURING THE MOUNTING BRACKET ON THE WALL

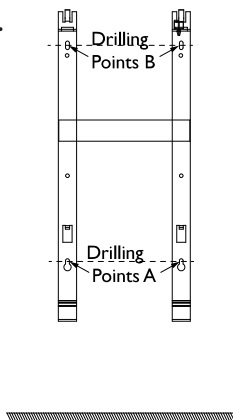
- 1** Put the mounting bracket on the floor and against the wall.
- 2** Locate the drilling points A. They will indicate the position of the lower brackets.
- 3** Move the mounting bracket up to the previously identified holes to point to the remaining two drilling points B. These will indicate the position of the upper brackets.
- 4** Drill the 4 holes and insert the pegs adapted to your wall (e.g.:plasterboard, concrete)..
- 5** Position the mounting bracket and tighten.



1



2



3

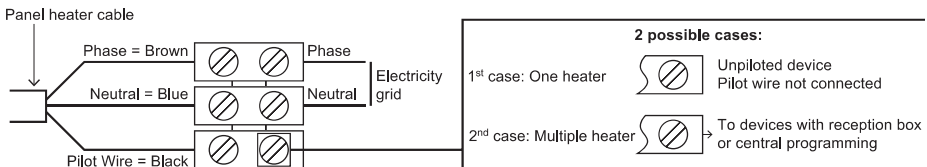
ELECTRICAL CONNECTION OF THE APPLIANCE




Wiring rules

- The appliance must be powered with single phase 230 V 50 Hz.
- The power supply to the appliance must be directly connected to the household power system after the circuit breaker and without intermediate switch.
- The unit will connect to the household power system through its power cable via a power socket. In humid areas such as bathrooms and kitchens, the power socket must be installed at 25 cm (9.8”) minimum above the floor.
- Connection to the earth is prohibited. Do not connect the pilot wire (black wire) to the earth.**
- The power supply must be directly connected to the household power system after the double-pole circuit breaker in accordance with installation rules.
- If the power cable is damaged, it must be replaced by the manufacturer, its customer service or similar qualified persons in order to avoid any risks.
- If you use the pilot wire and it is protected by a 30mA residual-current circuit breaker (e.g. bathroom), the pilot wire power must be protected on this residual-current circuit breaker.
- If you want to use a load-shedding device, choose one with a pilot wire outlet rather than one with power outlet, so as not to damage the thermostat.

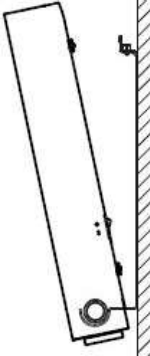
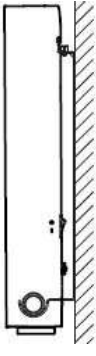
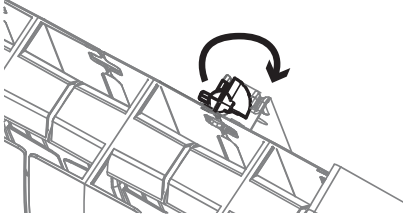
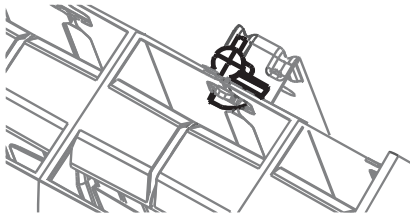
Appliance Wiring Diagram

- Turn off the power and connect the wires according to the following diagram:



Commands Received	No current	Complete alternation 230 V	Negative Half/alternation - 115V	Positive Half/alternation + 115V
Oscilloscope Ref/Neutral	—			
Mode obtained	COMFORT	ECO	ANTI - FREEZE	STOP HEATING LOAD SHEDDING

MOUNTING THE APPLIANCE

<p>1 Place the lower tube of the radiator on the rounded part of the mounting bracket.</p> 	<p>2 Bring the radiator towards the mounting bracket and up, then insert the mounting bracket in the 2 wall brackets provided for this purpose.</p> 
<p>3 Tighten the 2 locks with a screwdriver.</p> 	<p>4 Your radiator is mounted and secured.</p> 

MAINTENANCE

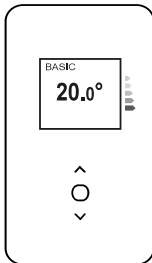
Before any servicing, turn off the power to the appliance. To maintain the performance of the appliance, dusting is required, approximately twice a year.

Never use any abrasives or solvents.

This appliance is filled with a specific quantity of special heat-transfer fluid. This fluid is unalterable and doesn't require special maintenance. Repairs requiring the opening of the fluid tank must only be carried out by a professional, the manufacturer or its customer service. In the event of a leak, the latter must be contacted. When the radiator is discarded, the fluid must be brought to a waste fluid collector.

Using the appliance

PRINCIPLE OF OPERATION



-Increase or lower the temperature without needing to confirm.



-Navigate through menus;

-Confirm;

-Turn off;

-Lock, unlock.

SWITCHING THE APPLIANCE ON FOR THE FIRST TIME

Select the language, then the date and time.

The first time you switch the appliance on,

-PROG mode is selected,

-the setpoint temperature is set at 19° C.

DESCRIPTION OF THE MODES

2 operating modes are proposed:

BASIC

The appliance follows the setpoint temperature adjusted at all times.

PROG

- The appliance follows the internal program defined for each day of the week. The following ranges are defined when the appliance is switched on:

Monday to Friday, comfort from 5am to 9am and from 5pm to 11pm

Saturday and Sunday, comfort from 5am to 11pm.

You may modify these ranges and define 3 Comfort temperature ranges per day.

During these Comfort ranges, the temperature setpoint is adjusted using \wedge or \vee .

Outside the Comfort ranges, lowering the temperature is set in "Lower ECO T°" Prog mode (see *chapter "The menu in PROG mode"*).

-The appliance follows your installation's external programming orders (see *the manual for your programming unit*).

THE SWITCH

An On/Off switch is located at the rear of the device's unit.

Use the switch for extended shutdowns only

(excluding heating periods).

Set the switch (located at the rear of the appliance) to to switch the appliance on. When the appliance is switched off, you may need to set the day and time again.


SWITCHING THE APPLIANCE ON / OFF

To shut down the appliance, press and hold .

Confirm "Switch off" by pressing .

To switch the appliance on, press and hold .

LOCKING COMMANDS

To avoid the commands being changed by children, you may lock your appliance's commands by pressing and holding .

Select "Lock"  and validate with .

Do the same to unlock the commands by selecting "Unlock" .

WINDOW OPEN FUNCTION

Used to detect variations in temperature related to the opening and closing of your windows. If you forget to switch off your appliance when a window is open for a long time, this function lets you get around this and prevents your appliance from heating up unnecessarily. The appliance automatically switches to Frost Protection mode (7°C) when it detects an open window and rises to the setpoint temperature when it detects that the window has been closed (*the detection time is variable*).

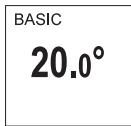
We do not recommend using this function in corridors and rooms located near an entry door which opens to the outside.

ADJUSTING THE TEMPERATURE

Use the consumption indicator to optimize your setting. When the consumption indicator is at the level of the green symbol, the temperature is lower or equal to the recommended temperature.

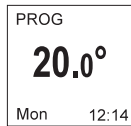


In BASIC mode:



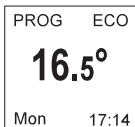
- Increase with \wedge (max 28°C).
- Lower with \sphericalangle (min 12°C).
- Reduce again to 7°C (Frost Protection temperature not modifiable) with \sphericalangle .

In PROG mode:

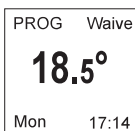


If the screen displays PROG, you are in a programming range in Comfort mode.

- Increase with \wedge (max 28°C).
- Lower with \sphericalangle (min 12°C).

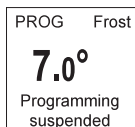


If the screen displays ECO PROG, you are in a programming range in ECO mode.



You can change the ECO temperature, so you have to set the default setting between the Comfort temperature and the Eco temperature. "PROG Derog" is displayed until the next Comfort range.

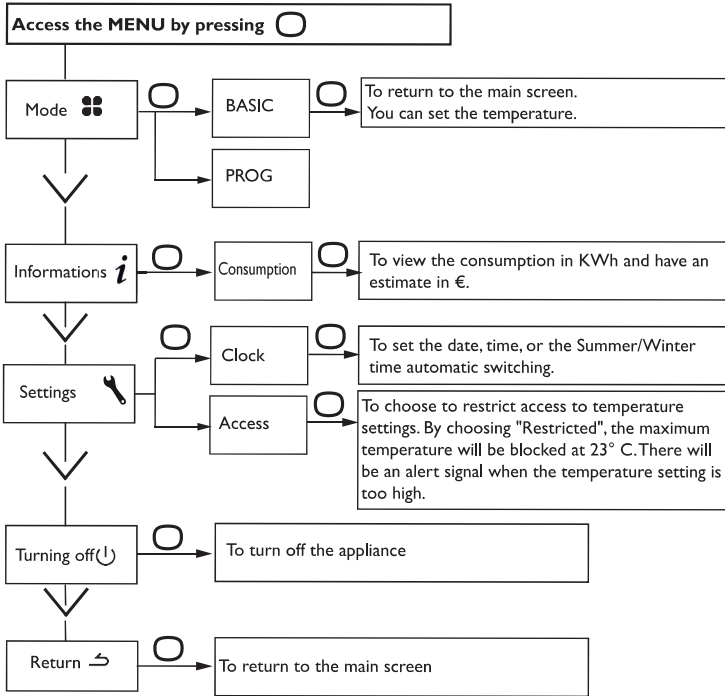
You can set the difference between the Comfort and Eco temperature in the "Abase" menu. T ° ECO "



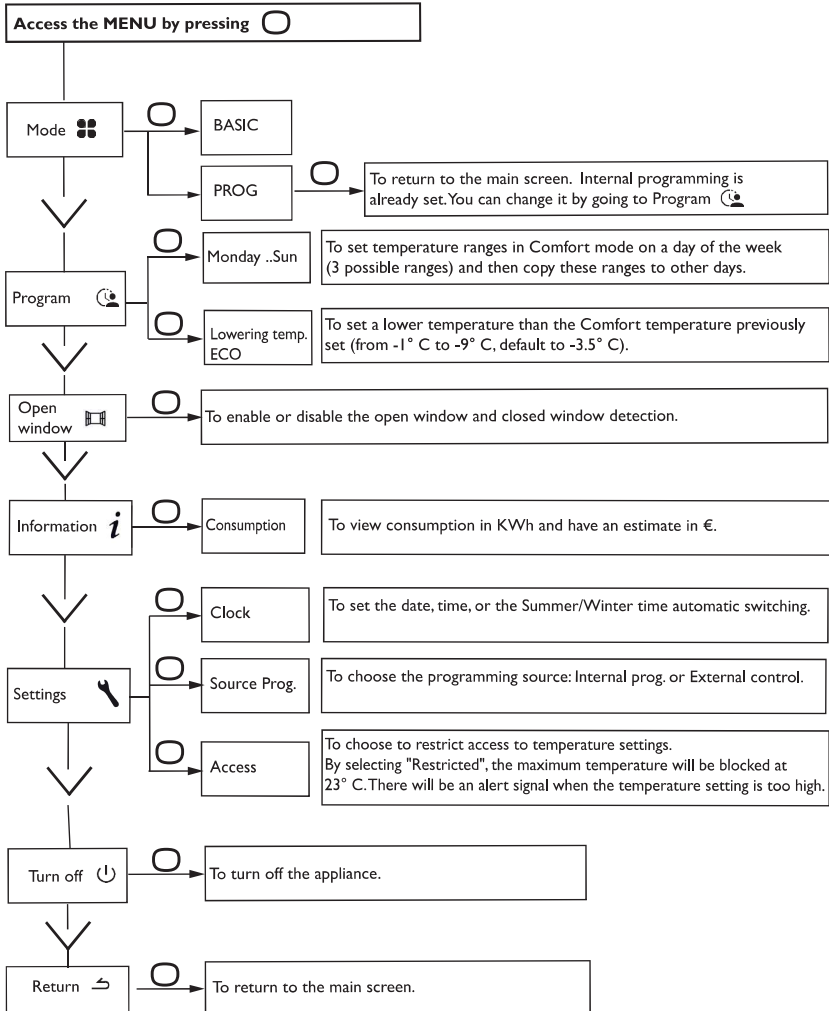
If you set a Frost Protection temperature (7°C), the programming is suspended.

Modify this temperature when you return to restart the programming.

BASIC mode Menu



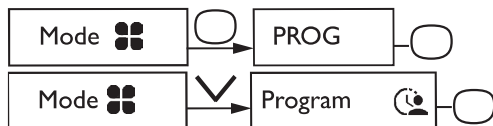
PROG mode Menu



USING INTERNAL PROGRAMMING

MODIFYING THE PROGRAMS

You may program up to 3 Comfort temperature ranges for each day of the week. Outside the Comfort ranges, lowering the temperature is set in "Lower ECO T°" Prog mode (see chapter "The menu in PROG mode").



Select the day with \wedge . Validate .

Select . Validate .

Select the start time with \wedge or \vee . Validate . Select the end time with \wedge or \vee . Validate .

COPYING A PROGRAM

You may copy a day's program to one or more days.

Select . Validate .

Scroll through the days with \wedge or \vee . Validate the day to copy the program with .

To validate the copy, select "Copy". Validate .

Lundi	
<input checked="" type="radio"/> Mar	<input checked="" type="radio"/> Ven
<input type="radio"/> Mer	<input type="radio"/> Sam
<input checked="" type="radio"/> Jeu	<input type="radio"/> Dim
Copier	

Example: Program copy from Monday to Tuesday, Thursday, Friday.

DELETING A COMFORT TEMPERATURE RANGE

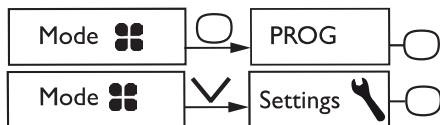
Select the day with \wedge . Confirm .

Select . Confirm .

On the starting time, select 0:00 with \vee . Confirm . On the ending time, select also 0:00 with \vee and confirm .

USING EXTERNAL PROGRAMMING

The appliance follows the external control of your installation via pilot wire link.



Select Source prog. with . Confirm .

Choose Ext. control with and confirm .



Remote control of the operating modes and programs of the device is possible with the Cozytouch application available on App Store® or Google Play®.

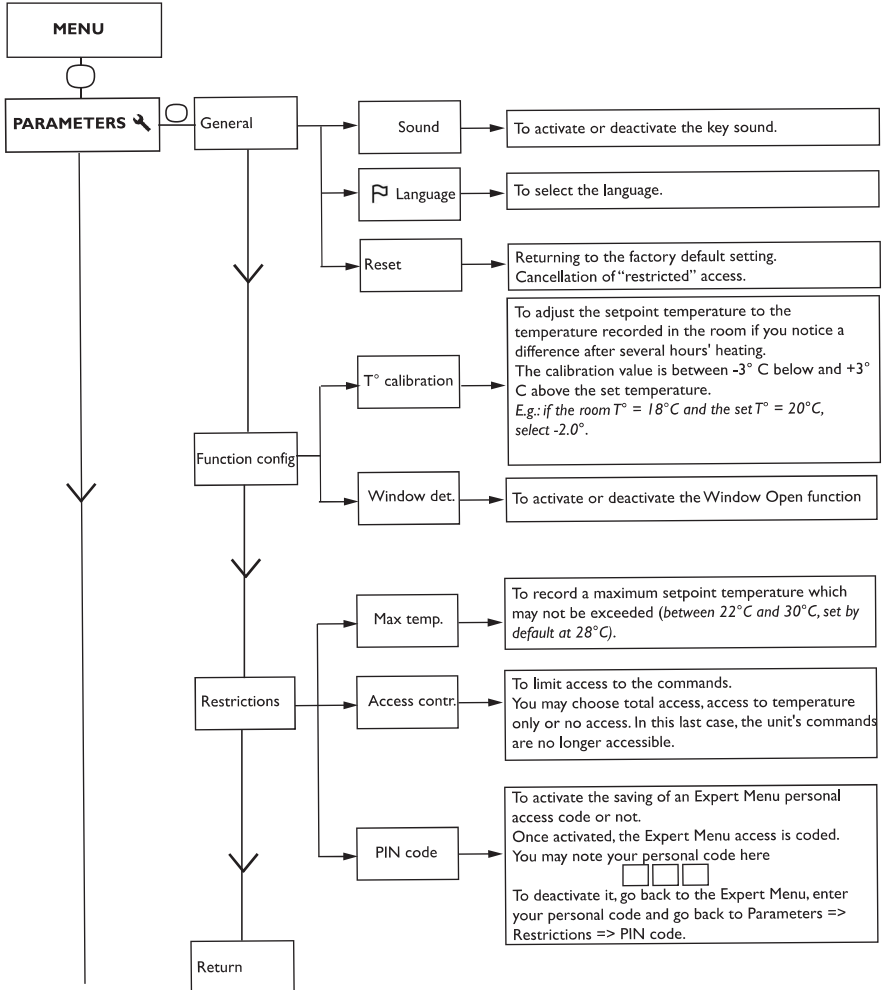
The following accessories are required:

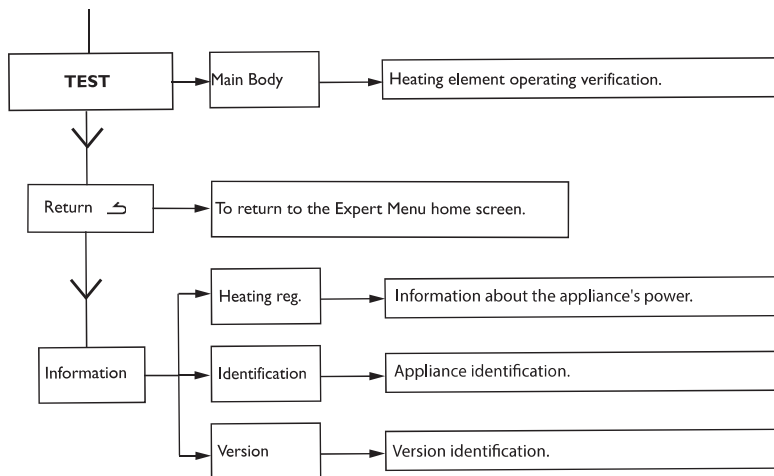
- A Cozytouch Bridge (to be installed on your Internet box)
- One Cozytouch Interface per device.



EXPERT Menu


To access the appliance's advanced functions, press  and  at the same time for over 3 seconds.





Restrictions

You can restrict access to the temperature settings.

In the Basic or Prog mode menus, go to Settings . Choose «Restricted».

- The temperature will be blocked at 23° C maximum;
- An alert signal will appear if the temperature is increased with a confirmation request (compulsive anti-heating function);
- Access is secured through a PIN in the Expert Menu.


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

Load-shedding

Our appliances are compatible with different load-shedding systems. However, you should not use load-shedding by cutting off the power supply because this is incompatible with our appliances. Total and repeated power supply cut off may cause premature wear and damage to electronic cards that are not covered by the manufacturer's warranty. During load-shedding periods, the screen switches to standby mode.

The unit then returns to its initial operating mode.

Troubleshooting

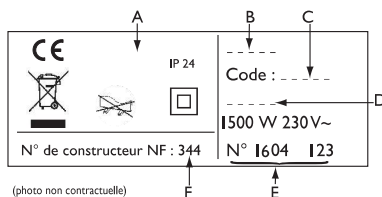
Problem	Check
The control panel display does not turn on	Check if the switch on the back of the unit is on the I (on) position. Make sure the appliance is electrically powered.
The room temperature is different from the one displayed on the appliance.	You have to wait at least 6 hours for the temperature to stabilize. Depending on your installation, the temperature you read may be different from the one displayed on the unit (a variation of 0.5° C is normal). In this case, refer to the «Expert Menu», chapter «Temp. calibration».
The appliance does not heat up.	Make sure you are in Comfort mode. If you are programming, check if you are within a Comfort period. Make sure the circuit breakers in the system are turned on or the load-shedding device (if you have one) has not turned off the unit. Check the air temperature of the room: if it is too high, the appliance will not heat up.
The unit is heating up all the time	Make sure the appliance is not located in an open air draught (open door nearby, air coming out through the cable cover on the back of the appliance) or the temperature setting has not been changed. There may be a hazard within the household power system. If there is a problem (blocked thermostat ...), cut off the power supply to the appliance (fuse, circuit breaker) for about 10 minutes and then switch it back on again. If the problem recurs frequently, have the power supply controlled by your supplier.
The appliance does not heat up enough.	Increase the temperature by pressing  . If the temperature setting is at the maximum, check the following: <ul style="list-style-type: none"> - Check if there is another type of heating in the room. - Make sure your appliance is only heating the room (door closed). - Have the appliance supply voltage checked. - Make sure the power of your appliance is adapted to 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 appliance takes time to heat up	The electrical resistance heats up the fluid which gradually and naturally circulates inside the unit Due to the inertial properties of the fluid the surface temperature of the unit when first starting to heat up reaches an optimal level only after a minimum of 15 minutes, depending on the room temperature.

Problem	Check
The surface of the appliance is hot.	When functioning, the appliance will be normally warm; the maximum surface temperature being limited in accordance with the NF Electricity Performance standard. However, if you find that your appliance is still too warm, make sure the power is adapted to the size of your room (we recommend 100 W/m ² for a ceiling height of 2.50 m or 40 W/m ³) and the unit is not placed in an air draught which would disrupt its functioning.
Traces of dirt appear on the wall around the appliance.	In polluted environments, dirt may appear on the air outlets of the appliance or on the wall. This is associated with the poor quality of the ambient air (cigarette smoke, candles, incense, fire place, ...). In this case, the good ventilation of the room should be checked (ventilation, incoming air, etc.).
The Expert Menu is not accessible.	You saved a PIN. You must enter your PIN to access the Expert menu (see the Expert Menu chapter). If you forgot your PIN, enter the code 081.
The temperature is blocked at 23° C	Access to the temperature setting is restricted. This access is secured through a PIN by activating the Expert Menu.
The unit does not follow internal programming commands.	Make sure the date and time are set. Make sure the unit is in PROG mode and internal programming has been selected.
The unit does not follow external programming commands.	Make sure the programming unit is correctly used (see Programming unit operating instructions). Make sur the unit is in «Ext. control» programming source.

If you have not been able to solve your problem, contact your distributor/installer with the reference numbers of the appliance. They are located on the side of the unit. Measure the room temperature.

The Commercial Code (C) and Serial Number (E) will allow the manufacturer to identify the appliance you purchased.

- A** Standards, quality marks
- B** Trademark
- C** Commercial Code
- D** Manufacturing reference
- E** Serial No.
- F** Manufacturer No.



Characteristic

Model number	FLEG4		
Characteristic	Symbol	Value	Unit
Thermal power			
Rated thermal power	P nom	0,3 to 2 300 to 2000	kW W
Minimal thermal power	P min	0,3 300	kW W
Maximum Continuous Thermal Power	P max,c	2 2000	kW W
Auxiliary Power Consumption			
At rated thermal output	el max	0,000	kW
At minimum thermal power	el min	0,000	kW
Sleep mode	el sb	0,00048 0,48	kW W
Type of control of the thermal power / temperature of the part			
Characteristic	Unit	Additional information	
Electronic room temperature control and weekly programmer.	yes		
Other control options			
Control of room temperature, with presence detector.	no		
Room temperature control, with open window sensor.	yes		
Remote control option.	yes		
Adaptive control of activation.	yes		
Limitation of the duration of activation.	no		
Black goblet sensor.	no		
Contact information	Idem warranty page		

Warranty conditions

- The guarantee period is two years from the date of installation or purchase and may not exceed 30 months from the date of manufacture in the absence of a receipt.
- The guarantee covers the replacement and supply of components recognised as being defective, excluding any damages or interest.
- The user is responsible for any labour or transport costs.
- The guarantee does not cover any damage arising from improper installation, abnormal use or non-observance of the requirements of the said instructions for installation and use .
- The stipulations of the present guarantee conditions do not exclude any of the purchaser's legal rights of guarantee against faults or hidden defects, which are applicable in all cases under the stipulations of Articles 1641 of the Civil Code.
- Present this certificate to your distributor or installer only in the event of a claim, together with your purchase invoice.

The commercial code and the serial number identify for the manufacturer the particular device you have bought.

This information can be found on the information plate situated on the side of the device.

To claim under guarantee, contact your installer or dealer. If necessary, contact :

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