

NOTICE D'UTILISATION ET D'INSTALLATION

TATOU DIGITAL

PANNEAU RAYONNANT VERSIONS HORIZONTALES ET VERTICALES

Radiant panel heater - Horizontal and vertical Warmtestraalradiator - Horizontale en verticale modellen

GB NL

SP

PL

GUIDE À CONSERVER PAR L'UTILISATEUR

Gids te bewaren door de gebruiker Guía que deberá ser conservada por el usuario Guia a conservar pelo usuario Instrukcja obsługi Рекомендуется сохранение данной иструкции пользователем

Contents —

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Installation

Preparing the installation of the device	29
Unlocking the device's hanging frame	
Fixing the hanging frame to the wall	
Connecting the device	
Locking the device on the hanging frame	
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Use

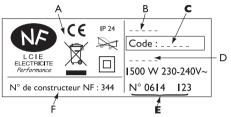
Turning on your device	34
Putting your device in standby mode	
Choosing your heating mode	35
Heating your room: how to use Comfort mode	
Lowering the temperature of your room: how to use Eco mode	
Programming the heating period: how to use Programming mode	38 to 42
Absence of more than 24 hours: use the Frost Protection mode	
How to use the energy-saving functions	44 to 48
Locking the controls	
Locking the control panel	
Calibrate the temperature	
Maintenance	
Returning to the standard factory settings	
Troubleshooting	
Warranty conditions	

The device you have just purchased was submitted to many tests and checks ensuring its quality. We thank you for your choice ant trust. We hope you will be fully satisfied.

The references for your device

These are located on the right-hand side of the device.

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



- A Standards, quality labels
- B Commercial name
- C Commercial code
- D Manufacturing reference
- E Serial number
- F Manufacturer's number

Devices with this symbol must not be scrapped with normal household rubbish but be collected separately and recycled.

When these products come to the end of their useful life, they must be collected and recycled in accordance with the local regulations and bylaws.

Please keep this instruction manual even after installing your device.



surface may be hot enough to cause burns to their skin in some circumstances, particularly because their reflexes may not yet have been acquired or aur slower than those of an adult. If there is any risk, fit a protective grill in front of the device.

- This device is not intended for use by persons (*including children*) with physical, sensory or mental disability, or by persons lacking experience or knowledge, unless they have received from a person in charge of their safety adequate supervision or preliminary instructions on how to use the device.

- Care must be taken at all times to keep children from playing with the device. Do not obstruct the grills, even partially (*either on the front of the device or underneath it*): otherwise the device may overheat.

- If the supply cord is damaged, it must be replaced by a service agentor similarly qualified person in order to avoid a hazard (applies to units fitted with a supply cord and plug).
- Units fitted with a three core supply cord (*brown, blue and black*), must be directly connected to hard wiring by a licensed electrician.
- All work on the interior of the device must be carried out by a licensed electrician.

PREPARING THE INSTALLATION OF THE DEVICE

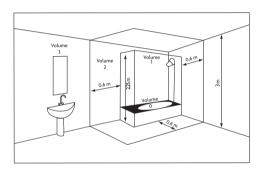
Installation guidelines

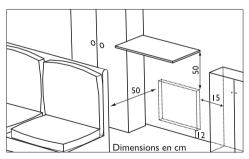
- This device was designed to be installed in residential premises. In any other case, please call your distributor.
- Installation must comply with the standards currently enforced in the country of use.
- The device must be supplied with 230V single-phase 50Hz.
- In damp areas such as bathrooms and kitchens, you must install the connection box at least 25cm above the floor.

Keep the device away from any draughts that may interfere with its operation (e.g.: under a centrally controlled fan, etc...).

Do not install the heater under a fixed socket.

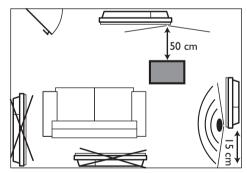
The device is fitted with a detection system, whose sensor is located on the front of the device.





Comply with the minimum distances from any furniture units when positioning the device.

Volume I	No electrical device
Volume 2	Class II IPX24 electrical device
Volume 3	Class II electrical device



To optimise absence detection by your device, do not install it in a closed off corner or behind furniture.

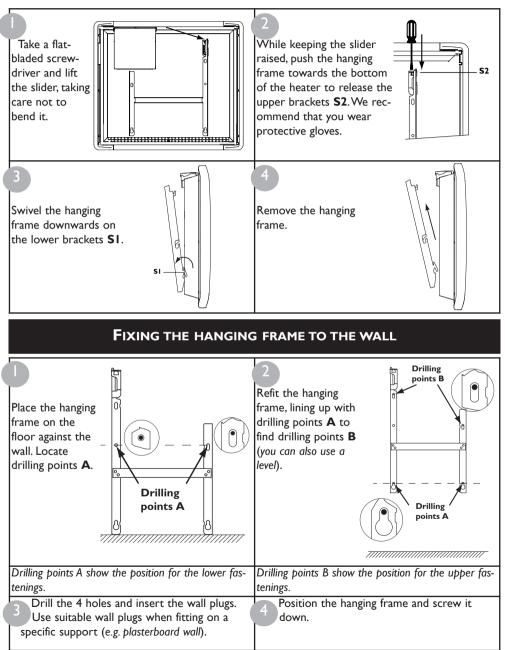
We strongly advise against installing vertical machines above an altitude of 1000m (risk of faulty operation).

Installing a machine at altitude causes an increase in air output temperature (of the order of $10^{\circ}C$ per 1000m above sea level).

L is forbidden to install a vertical machine horizontally or vice versa. Do not use the device in mobile, on feets or on casters.

UNLOCKING THE DEVICE'S HANGING FRAME

We recommend that you place the device face down on the floor, taking care to protect its front surface from scratches.

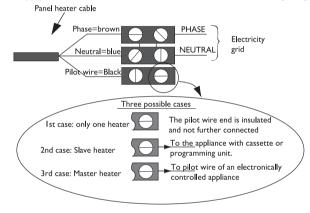


Connection rules and regulations

- The device must be supplied with 230V single-phase current at 50Hz.
- The device's power supply must be directly connected to the main supply after the circuit breaker without any intermediate switch.
- The device's power cable must be connected to the main supply via a connection box. In damp areas, such as bathrooms and kitchens, the connection box must be installed at least 25cm above the floor.
- An Earth connection is prohibited. Do not connect the pilot wire (black wire) to Earth.
- The installation must be fitted with an all-pole cut-off switch with a contact opening distance of at least 3mm.
- If the power cable is damaged, it must only be replaced by an electrician.
- If you are using the pilot wire and it is protected by a 30mA differential (e.g.: bathroom use), the pilot wire's power supply must also be protected on this differential.

Wiring diagram for the heating panel

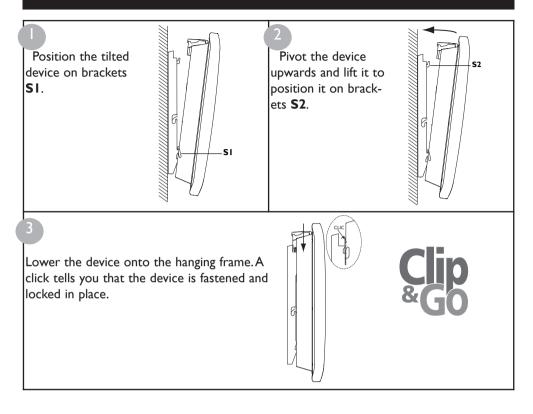
- Cut off the power supply and connect the wires as shown in the following diagram:



- You can connect the pilot wire if your home is equipped with a programming unit or controller. In this case, make the following checks according the selected mode (*Comfort, Eco, etc.*) to that the programming instructions are being transmitted correctly:

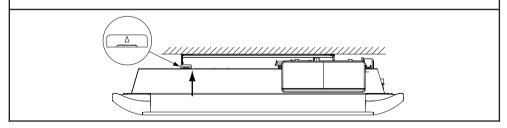
	COMFORT	ECO		SWITCH-OFF OF HEATING AND POWER CUT-OFF	-I°C	COMFORT -2°C
SIGNAL TO BE TRANSMITTED	×	ECO		\frown	5' 	5' 5' 7"
MEASUREMENT BETWEEN THE PILOT WIRE AND NEUTRAL	0 Volt	230 Volts	-115 Volts negative	+115 Volts positive	230 Volts for 3 s	230 volts for 7 s

LOCKING THE DEVICE ONTO THE HANGING FRAME



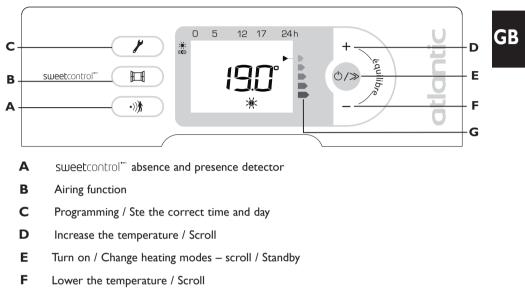
To unlock the device from the hanging frame, take a flat-bladed screwdriver and **push the** slider (located on the top left-hand corner of the hanging frame behind the device) towards the wall.

Lift the device while holding the slider in place with your screwdriver. Tilt it forwards and then remove it from brackets **S1**.



Control box

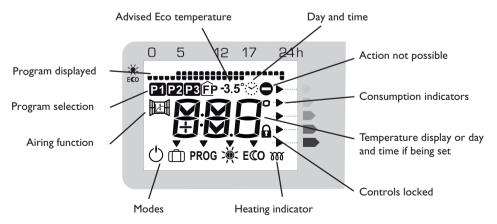
For your comfort and to save energy, your device is equipped with a digital-display control unit. You can set all of the device's functions from the unit.



G Consumption indicator function

Remove the plastic film on the control unit

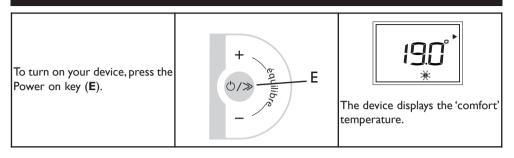
The different displays



After 2 minutes of inactivity, the screen returns to the main display.

Use

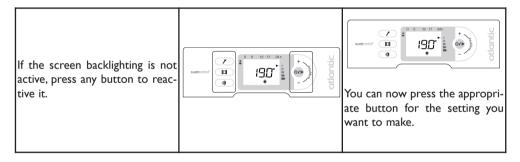
TURNING ON YOUR DEVICE



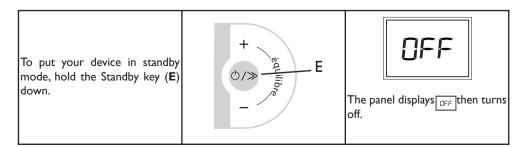
When first turned on, the device is set to Comfort mode at 19°C.

ACTIVATING THE SCREEN

If the screen is not lit up, press any button to activate the screen lighting.



PUTTING YOUR DEVICE IN STANDBY MODE



CHOOSING YOUR HEATING MODE

You can run your device in several modes:

- **Comfort mode** (\bigotimes) which enables you to have the right ambient temperature.
- Eco mode (ECO) which enables you to lower the temperature in your room when you will be away from your home for a long time or during the night, especially in bedrooms.
- The Programming PROG mode, where you can program the Comfort and Eco modes depending on when the room is used, using programs P1, P2, P3 or using a (*centralised*) programming system.
- **Frost mode** ((1)) which enables you to maintain a temperature of around 7°C during an absence of more than 24 hours, for example.

HEATING YOUR ROOM : HOW TO USE COMFORT MODE

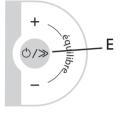
Description

This mode enables you to have the ambient temperature you desire in your room. The consumption indicator lights enable you to optimise your setting (see page 48).

How to activate this mode ?

If the screen is not lit up, press any button to activate the screen lighting.

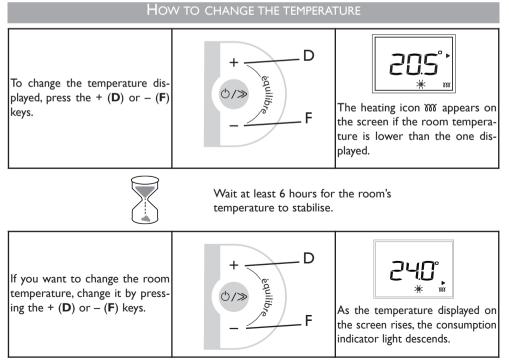
To activate the Comfort mode, press the Scroll key (E) several times until the arrow is on the Comfort 🔆 mode.





The mode selection arrow flashes for several seconds, then just the ☆ icon remains on the display: the setting is confirmed.

The advised Comfort temperature is 19° C. The Comfort mode ranges from 12.5° C to 28° C.



LOWERING THE TEMPERATURE IN YOUR ROOM : HOW TO USE ECO MODE ECO

Description

We recommend that you use this mode when you will be absent for 2 to 24 hours, or during the night, especially in bedrooms.

Maximum Eco temperature is 19°C.

How to activate this mode ?

Press the scroll key (**E**) several times until the selection arrow is on E_{CO} mode.

+ ()/» - E

155°

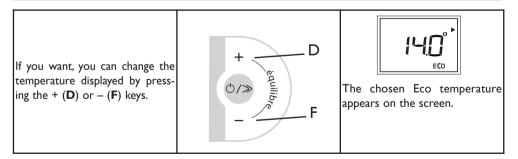
GB

The mode selection arrow flashes for several seconds, then just the E**CO** icon remains on the display: the setting is confirmed.

The advised Eco temperature is -3.5°C compared with the Comfort temperature (setting example: 19°C in Comfort mode and 15.5°C in Eco mode). If the -3.5°C icon does not appear on the screen, this means that the difference compared with the set Comfort temperature is not 3.5°C.

If you lower the Comfort temperature to below the Eco temperature, the Eco temperature lowers by -0.5° C compared with the Comfort mode If, however, you increase the Comfort temperature, the Eco temperature does not change.

HOW TO CHANGE THE TEMPERATURE ?



PROGRAMMING THE HEATING PERIOD : HOW TO USE PROG MODE PROG

You can program your Comfort and ECO temperature times either by using one of the three prestored programs, or by connecting the pilot wire to a programming control (*Pilot wire (FP) mode is the default setting - refer to your programming control's manual*) You can connect several devices to one programmer.

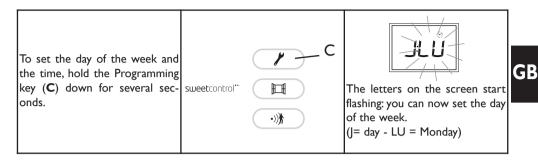
3 programs have been prestored: P1, P2 and P3 and they cannot be changed.

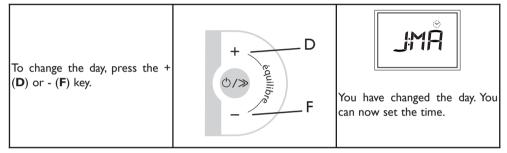
		0h	١h	2h	3h	4h	5h	6h	7h	8h	9h	10h	l l h	I 2h	I 3h	I4h	I 5h	16h	l7h	18h	19h	20h	21h	22h	23h
P1	`∰ E©O																								
	<u>ECO</u> ※																								
P2	ECO																								
P3	E©O																								
	ECO																								

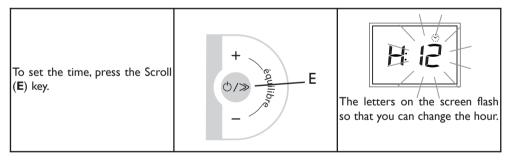
- is recommended for when you are constantly at home, at the weekend for example (Eco mode from 23h to 5h, Comfort mode from 5h to 23h).
- is recommended if you are absent during the day (Eco mode from 23h to 5h and from 9h to 17h, Comfort mode from 5h to 9h and from 17h to 23h).
- is recommended if you are absent during the day, but you come back home at lunchtime (Eco mode from 23h to 5h, from 9h to 12h and from 14h to 17h, Comfort mode from 5h to 9h, from 12h to 14h and from 17h to 23h).

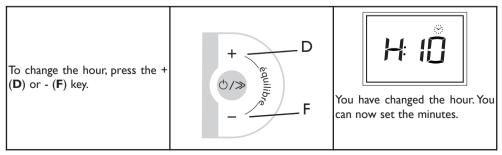
 $\widehat{\mathbf{FP}}$ means that a programming control is used.

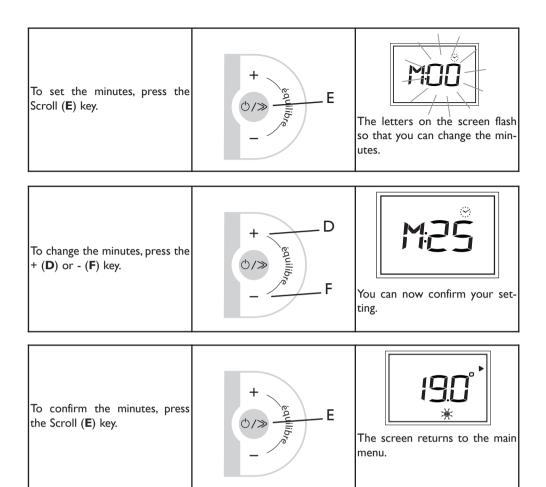
NB: If no command is received on the pilot wire, the device will function in Comfort mode. When switching from Comfort to Eco mode, the new mode is active after about 12 seconds. The Frost Protection and Load shedding commands have priority over the Eco, Comfort and programming (P1, P2, P3 and FP) modes. Before programming the device, you must set the device to the correct time or make sure that the system day and time is correct.





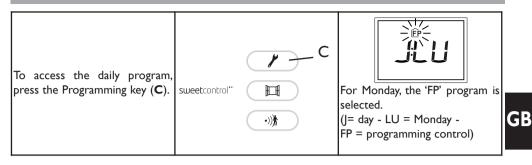






N.B.: You can exit the settings at any time by pressing the Programming \checkmark key (C). The settings made are saved.

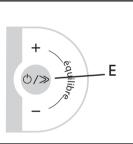
HOW TO ASSIGN A DAILY PROGRAM ?



Two solutions are possible : a- you want to keep the selected program, b- you want to change the selected program.

a-You want to keep the selected program - Monday in the example

You want to keep the 'FP' program for Monday: press the Scroll key (**E**).

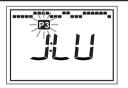




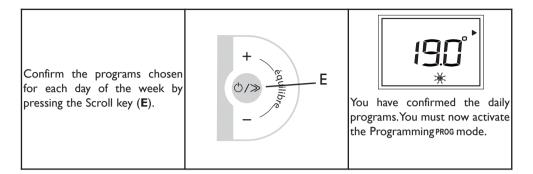
The program for Monday is confirmed. You can now select the program for Tuesday.

b-You want to change the selected program - Monday in the example

You want to change the 'FP' program for Monday: press the + (**D**) or - (**F**) key until the program you want flashes on the screen. F

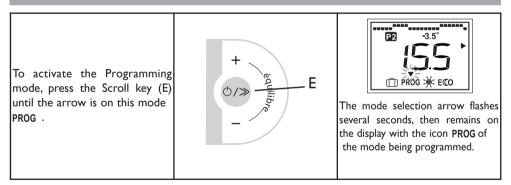


You have chosen the P3 program for Monday, you can now confirm. Carry out the same procedure for all the days of the week, up until Sunday, either keeping the selected program or changing it.



N.B.: Even if there is a power cut, the settings are saved.

HOW TO ACTIVATE THE PROGRAMMING PROG MODE ?

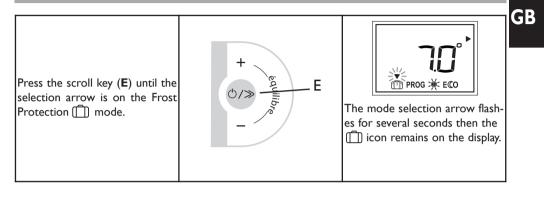




Absence of more than 24 hours: USING THE FROST PROTECTION MODE

The Frost Protection () temperature is preset to $7^{\circ}C$ (±3° C) and cannot be changed.

How to activate the Frost Protection mode ?



How to use the energy-saving functions : Absence and presence detection

These functions enable your device to adapt itself to your daily life without your having to concern yourself with it.

To use these functions, we recommend that you set the Comfort mode 🔆 or Programming prog mode.

These functions are in addition to the programming functions.

The function enables you to lower the temperature setting for your room automatically, as soon as you leave it.

Absence detection is made from a height of over 45cm (Diagram 1) and operates progressively (Diagram 2):

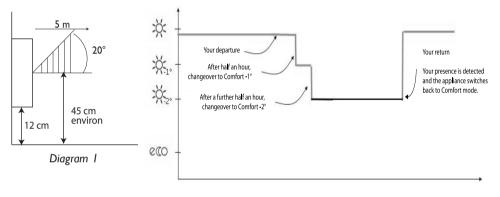
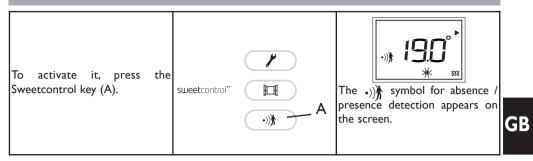


Diagram 2

- E.g.:Your device is set to 19°C, in Comfort mode (whether programmed or not) At 9:00, it detects your absence.
 - At 9:30, its operating instructions are set to $18^{\circ}C$.
 - At 10:00, its operating instructions switch to $17^{\circ}C$.

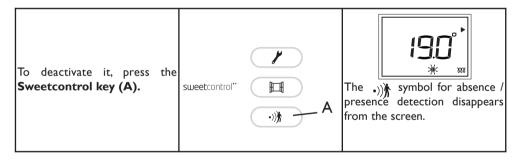




If your device detects no one in the room, it automatically lowers the temperature setting progressively to 3.5° C lower than the Comfort temperature setting.

The \cdot) symbol flashes when it detects a presence.

How to deactivate the absence and presence detection ?



How to use the energy-saving functions : Airing function

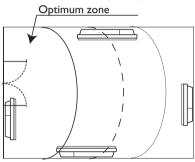
The function enables you to stop the device from heating and to start heating again automatically when you are airing your room, thereby saving you energy.

We do not recommend the use of the Airing \square function in corridors and rooms located close to an entrance door from outside your home or from the garage.

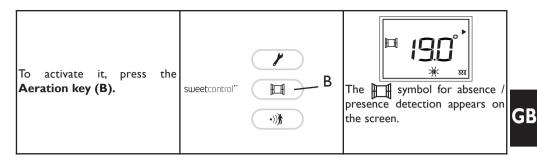
Do not heats the room while it is being ventilated allow you to save energy. If you do not turn off your heater when a window is open for a long time, the airing function \mathbb{H} stops your device from heating when it is not necessary: your heater automatically detects when the window is opened or closed and therefore saves energy.

Your device reacts to an open or close window according to several variables, especially

- the temperature settings programmed for the room
- the outside temperature
- the location of your heater, etc.



By detecting whether the window is open or closed, the airing function helps you to be environmentally friendly: you save energy by not heating your house when you ventilated it.



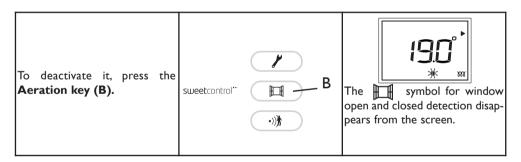
The operating instructions are for $7^{\circ}C \pm 3^{\circ}C$ for the whole time that your room is being aired. When you close the window, your device will return to its initial operating mode.

After 2 hours, the device starts heating again in any case. The maximum expected airing period is 2 hours.

NNB: If the function does not meet your requirements, you can manually stop the device from heating (press the Power on key (E) 6/3 for several seconds).

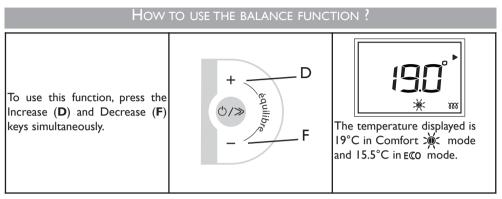
The \blacksquare symbol flashes when it is lowering its operating set point.

How to deactivate the Window Open and Closed detection ?



How to use the energy-saving functions : The balance function

Use the Balance function to set your device at an optimum temperature that is just the right balance between being comfortable and saving energy.



This function does not change how you have programmed your device.

How to use the energy-saving functions : Consumption indicator

The energy consumed by an electrical heating device depends, among other things, on the temperature required. The temperature recommended by the public authorities is 19° C, in Comfort mode (15.5°C in Eco mode).

The "Consumption Indicator" function enables you to position yourself in accordance with this recommended temperature.

17

24h

Therefore, depending on the temperature required:

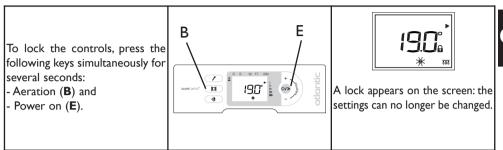
- If the black arrow on the screen is placed before the 2nd orange or the red icon, you can save energy by significantly lowering the temperature you have asked for.
- If the black arrow on the screen is placed before the 1st orange icon, you can save energy by slightly lowering the temperature you have asked for.
- If the black arrow is in front of the green icon, you are already at the recommended temperature and are already making energy savings.

All the devices in the same room must be fitted with the same function capabilities. The energy-saving functions must be set in the same way on each heater.

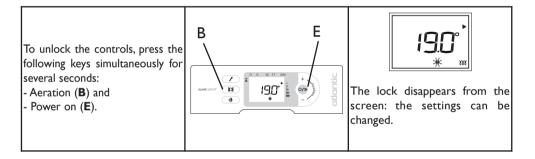
LOCKING THE CONTROLS

To avoid the control panel being used inopportunely, we advise you to lock it.

HOW TO LOCK THE CONTROLS ?

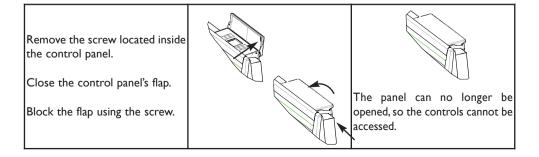


How to unlock the controls ?



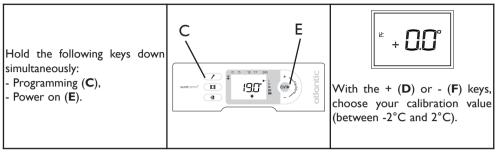
LOCKING THE CONTROL PANEL

You can also lock the control panel using the screw provided.



CALIBRATE THE TEMPERATURE

Depending on your installation, the temperature you read may be different to the one displayed on your device. In that case, you can calibrate the temperature displayed.



E.g. The temperature displayed on your device is 20° C.

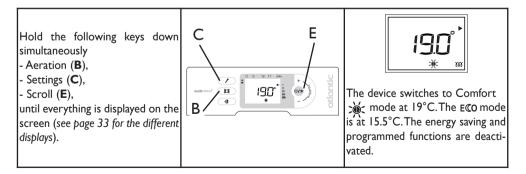
The temperature displayed on your thermometer is $19^{\circ}C =>$ Choose a calibration value of $-1^{\circ}C$. Confirm your choice by pressing the Programming key (C). Your device will heat until the room temperature reaches $20^{\circ}C$.

MAINTENANCE

To maintain your device's performance, you must dust it approximately twice a year. **Never use abrasive products or solvents.**

RETURNING TO THE STANDARD FACTORY SETTINGS

It is possible de return to the standard settings for your device.



TROUBLESHOOTING

PROBLEM	Checks to be made	
ENCOUNTERED		
The heating light flas- hes	The temperature probe is disconnected or is faulty. Contact your installer.	
The device does not heat.	Make sure that the 🔆 mode is activated. If you are operating under programming, check that the programmer is in COMFORT mode. Ensure that the installation's circuit breakers are engaged and that the power cut-off (<i>if you have one</i>) has not cut off the power to the device. Check the air temperature in the room: if it is too high, the heating light does not flash : the device does not heat.	GB
The device heats all the time.	 Check that the device is not in a draught or that the temperature setting has not been altered. There may be a fluctuation in the main power supply. If there is a problem (<i>blocked thermostat</i>), cut off the power to the device (<i>fuse, circuit breaker</i>) for approximately 10 minutes and then switch it back on. If the phenomenon recurs frequently, have your electricity utility check the power supply. 	
The device heats even though the win- dow is open.	There may be a delay between when the window is opened and when the heating stops. If you find this delay too long, you can manually stop your device.	
The device does not heat enough.	 Increase the temperature settings by pressing the + (E) key. If the setting is at its maximum, carry out the following checks : Check whether there is another heating device in the room. Make sure that your device is only heating the room (<i>door closed</i>). Check the supply voltage to the device. Check that the power of your device is adapted to the size of your room (<i>on average, we recommend 100 W/m² for a ceiling height of 2.50 m</i>). 	
The heating light appears on the screen when the device is in Eco mode.	This is normal.The device can heat to maintain an Eco temperature.	
Dirty marks appear on the wall around the device.	The dirty marks come from the bad quality of the air in the room. In this case, you are advised to check that the room is correctly aired (<i>ventilation, vent duct, etc.</i>), that the air is clean and not to smoke in the room. Your device will not be replaced under guarantee because of these dirty marks.	

Problem encountered	Checks to be made
The device's surface is very hot.	It is normal for the device to be hot when it is operating; the maximum sur- face temperature is restricted in accordance with the NF electrical perfor- mance standard. However, if you think that your device is still too hot, check that the output is suitable for the area of your room (we recommend 100W / m^2) and that the heater is not placed in a draught, which would interfere with its self-regulation; also check that the installation guidelines have been fol- lowed (<i>curtains</i> , etc.)
The device is not	with a programming system or controlled via a pilot wire: Make sure that the central programming system is working correctly (refer to the user manual), or that the programming control is correctly placed in its holder and that it is working correctly (check the batteries, fuse, etc.) Make sure that your device is in Programming mode and that the external "Centralised" program is assigned to the right day of the week.

If you do not succeed in solving your problem, contact your local installer and have the details of your device's references (see *page 28*), the room's temperature and the programming system (*if any*) to hand.

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.

TYPE OF DEVICE*:	• •		•	 • •	 •••	• •	• •	 • • •	•	 	• •	 •	 •	 •	•	 •	•••	• •	 •	•
SERIAL NUMBER*: CUSTOMER'S NAME AND ADDRES																				
COSTOMER'S NAME AND ADDRE		•••																		
																				•

* This information can be found on the information plate situated on the left-hand side of the device.

ATLANTIC INTERNATIONAL

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FOR SALES IN NEW ZEAL

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please contact : ATOUR ATLANTIC LTD Malling Works, Lewes East Sussex BN7 2AY Phone : 01580 2431 53 Fax : 01580 2411 80 E-mail : sales@tour-atlantic.ltd.uk INSTALLER'S STAMP