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Home solutions 

2012

Electric towel radiator

INSTRUCTIONS FOR USE
INSTALLATION MANUAL

To be kept by the user

F



• MARQUE FRANÇAISE • RECOMMANDÉE PAR LES PROFESSIONNELS • SOLUTIONS CONNECTÉES

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Warning





Attention :
Surface très
chaude
Caution
hot surface

Attention surface très chaude. Caution hot surface.
CAUTION: Certain parts of this product may become very hot and cause burns. You must take particular care if children or vulnerable people are present.

- Children under 3 should be kept away from this appliance unless they are under constant supervision.
- Children aged between 3 and 8 must only switch the appliance on or off if it has been placed in a position intended for it and these children are under supervision or have received instructions on how to use it safely and understand the potential dangers. Children aged between 3 and 8 must not connect, adjust or clean the appliance or carry out any user maintenance.
- This appliance may be used by children aged 8 years or more and by people with physical, sensual or mental deficits and lacking experience or knowledge of the device provided that they are correctly supervised or have been provided with instructions regarding the safe use of the appliance and provided that the risks present have been fully understood. Children are not permitted to play with the appliance. This appliance must not be cleaned or maintained by children without supervision.
- This appliance must only be connected by an authorised person, according to current rules and standards.
- To avoid any danger for very young children, we recommend installing this appliance so that the lowest heating bar is at least 600 mm above the ground.
- If the power cable is damaged, it must be replaced by the manufacturer, its after-sales service or any suitably qualified person, in order to avoid any danger.
- The first time the appliance heats up a slight odour may appear, which corresponds to the evacuation of any traces related to the appliance's manufacture.

- As the surface of the appliance can be very hot, pay particular attention if you place delicate clothing (e.g. nylon) on it. Ensure that any laundry is colour-fast before placing it on the towel dryer.
- The user manual for this appliance is available by connecting to the manufacturer's website indicated on the warranty document in this manual.
- Power supply disconnection energy management or shedding systems are incompatible with our appliances. They damage the thermostat.
- For safety reasons, it is formally prohibited to re-fill the appliances. If necessary, contact a qualified professional.
- Do not install the device just under a fixed socket.

	<p>Appliances which have this symbol must not be thrown away with household refuse; they must be collected separately and recycled.</p> <p>Products at the end of their life must be collected and recycled according to local provisions and laws.</p>
	<p>Installing the appliance at altitude generates an increase in air output temperature (<i>around 10°C per 1000 m in height</i>). It is strongly advised not to mount the devices above an altitude of 1000 m (risk of malfunction). It is forbidden to mount a vertical device horizontally and vice versa.</p>

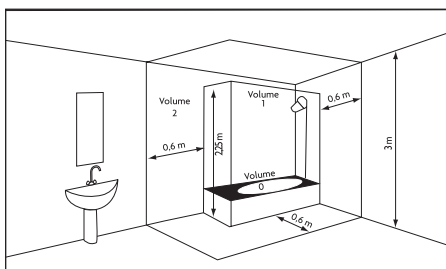
Installation

PREPARING TO INSTALL THE APPLIANCE

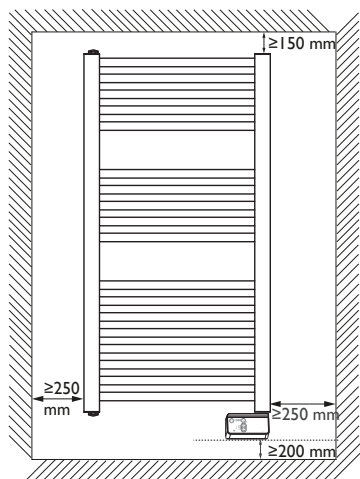
Installation rules

- This appliance has been designed for installation in a residential setting. For any other scenario, please consult your dealer.
- Installation must be carried out in accordance with good industrial practice, and with standards in force in the country of installation.
- In wet environments such as bathrooms and kitchens, the connection box must be installed at least 25 cm from the floor.
- Do not install the device just under a fixed socket.

Keep the appliance out of the way of any air currents that might disrupt its operation (e.g.: under a ventilation system, etc.).



Wet area (Volume 1)	No electrical appliance
Medium-wet area (Volume 2)	IPX4 electrical appliance.



Maintain the minimum distances from furniture when positioning the appliance.

Do not install any shelves above the appliance. Maintain 50 cm free space in front of the appliance.

The bottom box must be at least 5 mm from the wall.

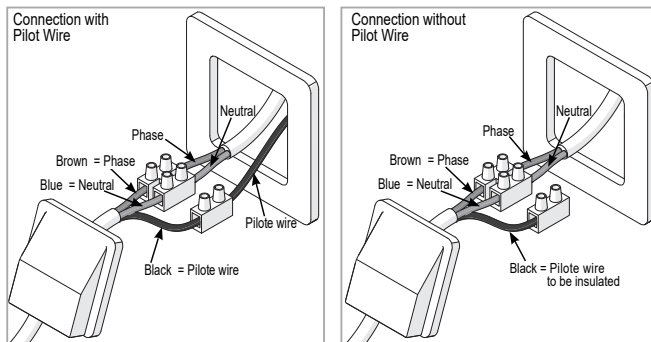
ELECTRICAL CONNECTION OF THE APPLIANCE

Wiring rules

- The appliance must be powered with single phase 230V 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:



MAINTENANCE

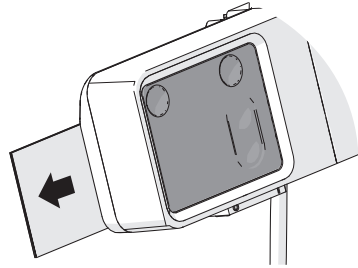
Before any maintenance action, cut the power supply to the appliance. To maintain the appliance's performance, it needs to be dusted approximately twice a year.

Never use abrasive products or solvents.

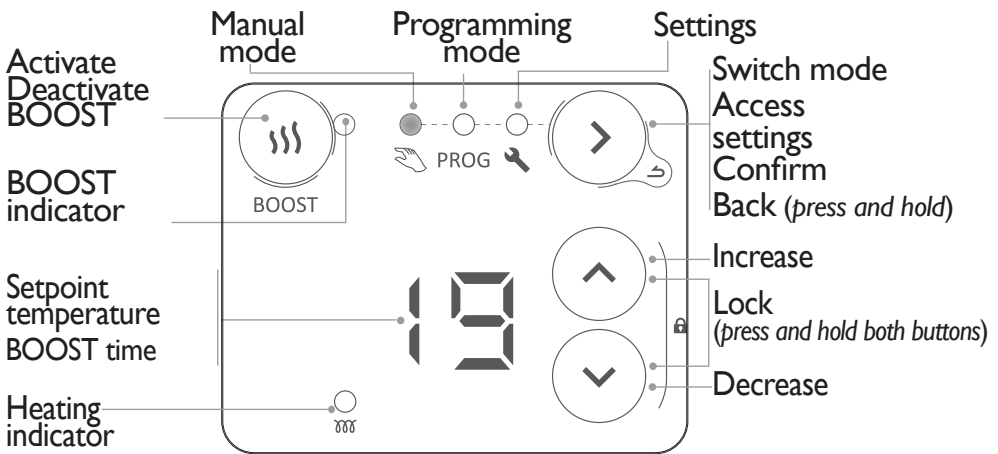
Operation



A quick-start user manual is available on the rear of the control panel.



BOX



Press any button to activate the display.

SWITCH


There is an On/Off switch situated under the appliance's control panel. **Use this only for a prolonged shutdown (several days).**




If you set the date and time, when the appliance is powered off, you may be asked to re-set.


SCREEN DISPLAY

EN

  Comfort temperature

 Time and day setting in progress


  Eco temperature

 Allocate predefined programs to the 7 days of the week

  No heating

 Enter menu

 Personalise programs

 Exit menu

OPERATING MODES

Several operating modes are available:

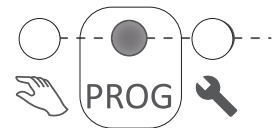
MANUAL MODE


The appliance continuously follows the setpoint temperature (desired temperature).



PROGRAMMING MODE

The appliance follows internal programs for each day of the week. These programs define at what time of day the appliance must follow the Comfort temperature (setpoint temperature set in Manual mode) or the Eco temperature (non-modifiable setpoint temperature of - 3.5°C), or be switched off. Some programs are predefined. They can be personalised (see “Personalising a program”).



To use programming mode, you must first set the time and day in Settings  (“Settings”, page 15).


BOOST MODE

The appliance operates at maximum power for a period of 15 to 60 minutes.



Use

INITIAL SWITCH-ON


 Press any button to activate the display.

When it is first powered on, Manual mode is selected, and the setpoint temperature is set to 19° C.



BOOST MODE



Boost mode is used to operate the appliance at maximum power for a period of between 15 and 60 minutes, in order to increase the temperature quicker.

ACTIVATING/DEACTIVATING THE BOOST FUNCTION

To activate or deactivate the BOOST function, press . When BOOST is active, the BOOST indicator will flash.

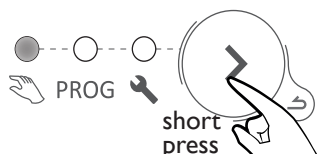
SETTING THE BOOST TIME

The BOOST time is set by default to 15 minutes. It can be modified to 30, 45 or 60 minutes, using these buttons  . After a few seconds, the BOOST countdown (in minutes) will be displayed.



 When the BOOST time has elapsed, the appliance will return to the previous mode. To exit BOOST mode before the end of the programmed time, press .

MANUAL MODE

SELECTING MANUAL MODE



SETTING THE TEMPERATURE

Use the   buttons to set the setpoint temperature (desired temperature).



19

Increase or decrease from 12°C min. to 28°C max.



7

Decrease further to 7° C (*non-modifiable frost protection temperature*).

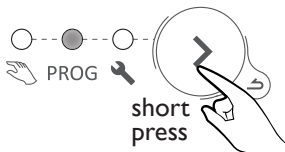



oF

Decrease until oF is displayed (*appliance stops heating*). BOOST mode remains accessible.

PROGRAMMING MODE

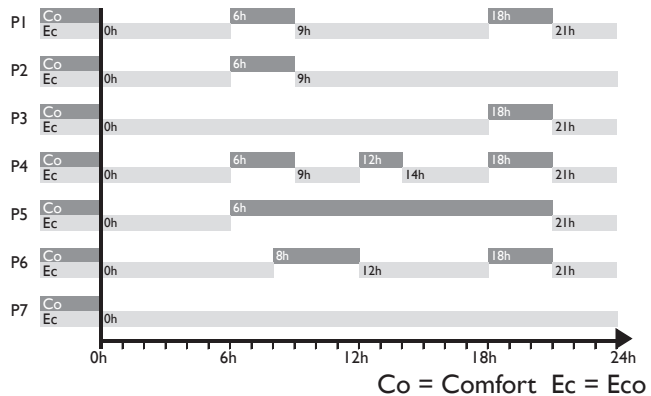
SELECTING PROGRAMMING MODE




To use programming mode, you must first set the time and day in Settings .

OPERATING IN PROGRAMMING MODE

The appliance has 7 (modifiable) programs which define at what time of day the appliance must follow the Comfort temperature (Co, setpoint temperature set in Manual mode) or the Eco temperature (Ec, setpoint temperature of - 3.5°C).






By default, a program is already allocated to each day of the week.

You can modify the programs allocation in Settings .

d1 Monday	d2 Tuesday	d3 Wednesday	d4 Thursday	d5 Friday	d6 Saturday	d7 Sunday
P1	P1	P1	P1	P1	P6	P6



To change the operating program (Comfort Co, Eco Ec, Off oF) and slots, go to Settings  (see "Settings").

Use the   buttons to display the appliance's operating program (Co, Ec, oF).



Co

If the screen displays Co, you are in a Comfort operating slot.



Ec

If the screen displays Ec, you are in an ECO operating slot. The ECO temperature is set 3.5°C below the Comfort temperature. The ECO temperature cannot exceed 19° C.



oF

If the screen displays oF, the appliance will not heat.



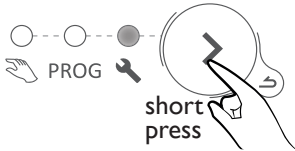
No temperature settings can be made in Programming mode.
To set the Comfort setpoint temperature, go to Manual mode.


SETTINGS

In Settings , you can:


- Set the time and day (HH:MM)
- Select the program (P1 to P7) for each day of the week (d1 to d7) (P d)
- Personalise each of the programs (P1 to P7), selecting the operating program (Co, Ec, oF) for each hour of the day (from 0:00 to 23:00) (P U)

SELECTING SETTINGS
















Press and hold the  buttons to scroll through the numbers quickly.



Press and hold the  button to go back.

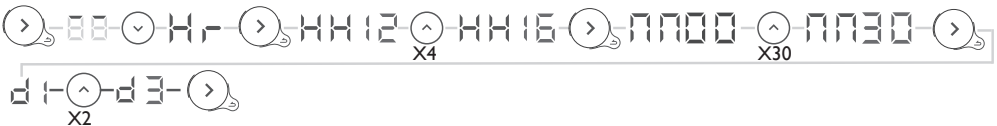
SETTING THE TIME AND CURRENT DATE

- 1 - Select Settings . The  symbol will be displayed
- 2 - Press  to display .
- 3 - Press  to display the hours. The  symbol will flash alternately with the hours.
- 4 - Set the hours using the .
- 5 - Press  to display the minutes. The  symbol will flash alternately with the minutes.
- 6 - Set the minutes using the .
- 7 - Press  to display the day of the week. The  symbol will flash alternately with the day.
- 8 - Set the day of the week using the .

d1 = Monday d2 = Tuesday d3 = Wednesday d4 = Thursday d5 = Friday d6 = Saturday d7 = Sunday

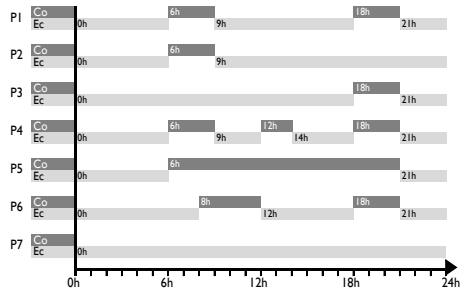
- 9 - Press  to confirm.

Example: to set 16:30 on a Wednesday



SELECTING A PREDEFINED PROGRAM FOR EACH DAY OF THE WEEK

- 1 - Select Settings . The will be displayed
- 2 - Press twice to display
- 3 - Press to display the first day. The day number will be displayed
- 4 - Select the day to set using the buttons.
- 5 - Press . The day number will flash alternately with the program
- 6 - Set the program using the buttons.
- 7 - Press to confirm. The next day will be displayed.
- 8 - Go back to step 4 for each of the other days.



Example: I am not working on Friday, so I want to allocate program P6 to Friday (d5).

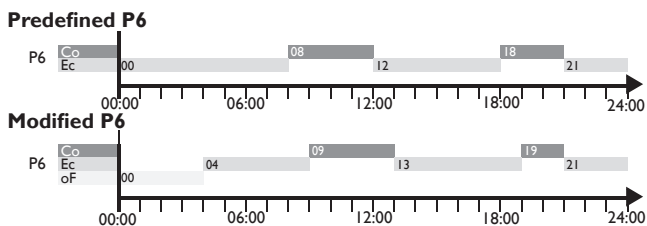
- - X2 - - - - X4 - - - - X5 - - -

PERSONALISING A PROGRAM

- 1 - Select Settings . The will be displayed.
- 2 - Press three times to display .
- 3 - Press to display the first program. The program number will be displayed .
- 4 - Select the program to be modified using the buttons.
- 5 - Press , the first hour will flash alternately with the operating program .
- 6 - Select the program to be modified using the buttons.
- 7 - Press several times to select the operating program (Comfort, Eco, Off).
- 8 - Press to display the next hour.
- 9 - Go back to point 6 for each of the other time slots
- 10 - After the last hour (23), the will be displayed.
- 11 - Press to go back to the programs list
- 12 - Go back to point 4 for each program to be modified.

Example: I want to modify program P6. I want the appliance to be switched off between 00:00 and 04:00, and have Comfort temperature between 09:00 and 13:00, and between 19:00 and 21:00.

So you need to change the time slots between 00:00 and 04:00 from Eco to Off, and change the slot between 08:00 and 09:00 from Comfort to Eco, change the slot between 12:00 and 13:00 from Eco to Comfort, and then change the slot between 18:00 and 19:00 from Comfort to Eco.



EN



There is an automatic inactivity timeout from Settings after one minute.

After a power outage, the programming is retained. You may need to re-set the day and time.

LOCKING ACCESS TO THE CONTROLS

Afin d'éviter les manipulations par des enfants, vous pouvez verrouiller les commandes de votre appareil en appuyant en même temps plus de 3 secondes sur ces deux touches



Lorsque vous appuyez ensuite sur une des touches, s'affiche. Les commandes sont verrouillées.

Effectuez la même opération pour déverrouiller. L'écran affiche alors .

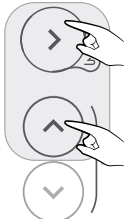
Advanced functions

ACCESSING THE ADVANCED FUNCTIONS

at the same time
min. 3 seconds



Press any button to activate the display.



Then press and hold these two buttons at the same time for more than 3 seconds.

CA CALIBRATION

There may be a difference between the setpoint temperature and the temperature actually measured in the room. This is generally due to the radiator installation conditions (location, power/volume, room insulation, etc.). Calibration is used to adapt the thermostat setting to the actual room conditions.

- 1 - Switch the radiator to manual mode at 20°C, and wait for a few hours.
- 2 - Measure the room temperature using a thermometer and calculate the difference
difference = measured temperature - setpoint temperature.
- 3 - Press and hold the and buttons at the same time for more than 3 seconds to display (Calibration).
- 4 - Press , will flash alternately with the currently set difference .
- 5 - Set the new value using the / buttons (between -3°C and +3°C).
- 6 - Press to exit.

Example: After several hours in manual mode with a setpoint temperature of 20°C, I measure a room temperature of 18°C. So I set a difference of 18-20=-2.



MT MAXIMUM TEMPERATURE

The radiator can save a maximum temperature (of between 19° C and 28° C), which the settings cannot exceed. By default, it is set to 28° C.

- 1 - Press and hold the and buttons at the same time for more than 3 seconds to display .
- 2 - Press to display (Max Temperature).
- 3 - Press , will flash alternately with the currently set maximum temperature .
- 4 - Set the new value using the / buttons (between 19°C and 28°C).
- 5 - Press to exit.

Example: I want to prevent a setpoint temperature above 24°C from being set.





HEATING STANDBY INDICATOR

There is an automatic inactivity timeout on the control panel display after a few seconds, with the exception of the heating indicator, which is lit when the resistor power supply is on. It is possible to configure the panel so that the indicator goes out when the panel display is switched off.

EN

- 1 - Press and hold the and buttons at the same time for more than 3 seconds to display .
- 2 - Press twice to display (Heating Indicator).
- 3 - Press , will flash alternately with .
- 4 - Press to display .
- 5 - Press to exit.



FACTORY SETTINGS

It is possible to reset the radiator, erasing all the settings made (programs, calibration, maximum temperature, heating indicator). This function is particularly useful in case of programming errors.

- 1 - Press and hold the and buttons at the same time for more than 3 seconds to display .
- 2 - Press three times to display (Factory Settings).
- 3 - Press , will flash alternately with .
- 4 - Press to display .
- 5 - Press to confirm. All the indicators will light up. The radiator will then return to manual mode at 19°C.



Automatic bleed

To increase the appliance's service life and optimise its operation, there is an automatic bleed built into the upper part of the towel dryer radiator frame.

This operates completely autonomously, with no user operations required.

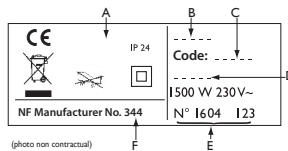
Troubleshooting

Problem encountered	Checks to carry out
The control panel does not light up.	The display is on standby. Press any button to activate the display. Check that the appliance is connected to the power supply. Check that the switch is in position I.
The heating indicator does not light up.	The heating indicator lights up when the power supply to the resistor is on. Check the ambient temperature. If it is above the setpoint temperature, it is normal for the indicator not to light up Check that the indicator lighting is active. Look up “Heating standby indicator”
The room temperature is different from that displayed by the appliance.	You have to wait at least 6 hours for the temperature to stabilise. Depending on your installation, you may read a different temperature to that displayed on the appliance. You can adjust the setpoint temperature to the temperature read in the room (see «Calibration»).
The appliance does not heat up.	If you have selected a programme, check that you are in a Comfort time slot. Make sure that the installation's circuit breakers are engaged. 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 all the time	Check that the appliance is not in an air current (<i>open door nearby, cold air intake via the connection box at the rear of the appliance, ventilation system</i>) or that the temperature setting has not been altered. There may be a problem in the electrical network. In the event of a problem (<i>thermostat jammed, etc.</i>), cut the power to the appliance (<i>fuse, circuit breaker</i>) for about 10 minutes, then switch it on again
The appliance does not heat enough.	Increase the setpoint (see “Manual mode”). If the setting is at its maximum, make the following checks: - Check if another heating method is present in the room. - Check that your appliance only heats the room in question (<i>door closed</i>). - Check that the power of your appliance is appropriate for the size of the room (<i>we recommend an average of 100 W/m² for a ceiling height of 2.50 m or 40 W/m³</i>).
The appliance takes time to heat up.	The electric heater heats up the fluid, which gradually and naturally starts circulating inside the appliance. The fluid's inertia properties mean that the appliance's surface temperature only reaches an optimal level after at least 15 mins, depending on the ambient temperature and losses from the room when the appliance is heating up.
The surface of the appliance is very hot.	The appliance can be expected to be hot when operating, while the maximum surface temperature is limited in accordance with the NF standard “Électricité Performance” [electrical performance]. If however you feel that your appliance is still too hot, check that the power is suited to the area of your room (<i>we recommend 100 W/m² for a ceiling height of 2.50 m or 40 W/m³</i>), and that the appliance is not placed in an air current affecting its regulation (e.g.: under a ventilation system). Check the room temperature against the setpoint temperature.
The top and bottom parts are less hot than the rest of the appliance	At the top, the upper parts are not completely filled to enable thermodynamic fluid expansion. They are heated by conduction. At the bottom, the lower parts carry back the fluid which has transmitted its heat.

Problem encountered	Checks to carry out
The appliance makes a liquid noise when operated.	Upon unpacking or installation, it is normal to hear the fluid circulating in the appliance's frame.
The appliance does not follow the internal programming commands.	Check that the date and time are set. Check that the appliance is in Programming mode.

If you have been unable to solve your problem, contact your retailer/installer, after noting the references for your appliance. These are located on the side of the appliance. Measure the room temperature.

The commercial code (C) and the serial number (E) provide the manufacturer's identification of the appliance you have just bought.



- A** Standards, quality labels
- B** Brand
- C** Commercial code
- D** Production reference
- E** Serial no.
- F** Manufacturer no.

Characteristics

Model references		TRI EG IC0	
Characteristic	Symbol	Value	Unit
Heat output			
Rated heat output	P nom	0.30 to 0,1 300 to 1000	kW W
Minimum heat output	P min	0,30 300	kW W
Maximum continuous heat output	P max,c	0,1 1000	kW W
Auxiliary electricity consumption			
At rated heat output	el max	0.00	kW
At minimum heat output	el min	0.00	kW
In standby mode	el sb	0,00029 0,29	kW W
Type of heat output / room temperature check			
Characteristic	Unit	Additional information	
Electronic room temperature check and weekly programmer	yes		
Other inspection options			
Room temperature check, with presence detector.	no		
Room temperature check, with open window detector.	no		
Remote control option.	yes		
Adaptive activation control.	yes		
Activation time limiter.	no		
Black globe sensor.	no		
Contact details	Idem information plate		

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 :

ATLANTIC INTERNATIONAL

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94110 ARCUEIL

FRANCE

France Tel: (33) 146836000 Fax: (33) 146836001

CERTIFICAT DE GARANTIE

À CONSERVER PAR L'UTILISATEUR DE L'APPAREIL

■ GARANTIE UTILISATEUR

Conformément aux dispositions légales en vigueur, les utilisateurs bénéficient en tout état de cause de la garantie légale des vices cachés (articles 1641 et suivants du Code Civil) et de la garantie légale de conformité pour les biens de consommation due par le dernier vendeur (articles L217-1 et suivants du Code de la Consommation).

■ GARANTIE CLIENTS PROFESSIONNELS ATLANTIC

Nos appareils sont garantis 2 ans contre tout défaut de fabrication dans les conditions définies dans nos CGV. La garantie comprend l'échange ou la fourniture des pièces reconnues défectueuses après expertise par notre Service Après-Vente, à l'exclusion de tous frais annexes qu'il s'agisse de main-d'œuvre, déplacement, perte de jouissance ou d'exploitation ou de toutes indemnités à titre de dommages et intérêts.

■ CONDITIONS

La garantie ne couvre pas les détériorations provenant notamment, d'une installation non conforme, d'un réseau d'alimentation ne respectant pas la norme NF EN 50160, d'un usage anormal ou du non-respect des prescriptions de ladite notice.

TYPE DE L'APPAREIL* :

N° DE SÉRIE* :

NOM ET ADRESSE DU CLIENT :

.....

.....

DATE D'ACHAT :

BIP
Rue Monge - BP 65
F-85002 LA ROCHE SUR YON
International : consultez votre installateur



U0702736

* Ces renseignements se trouvent sur la plaque signalétique, côté droit de l'appareil.

Cachet du revendeur



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