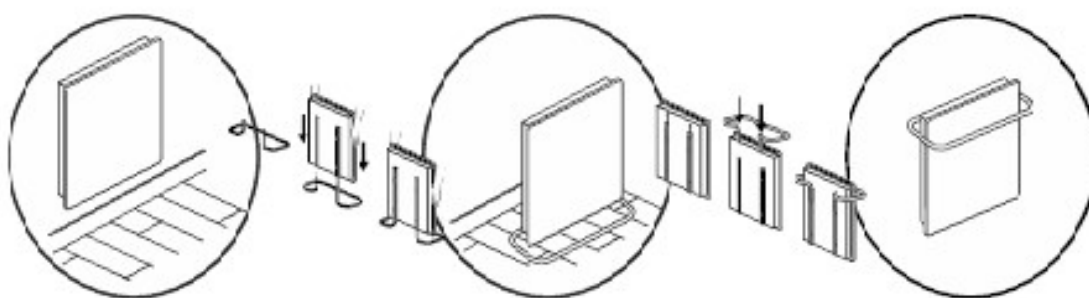
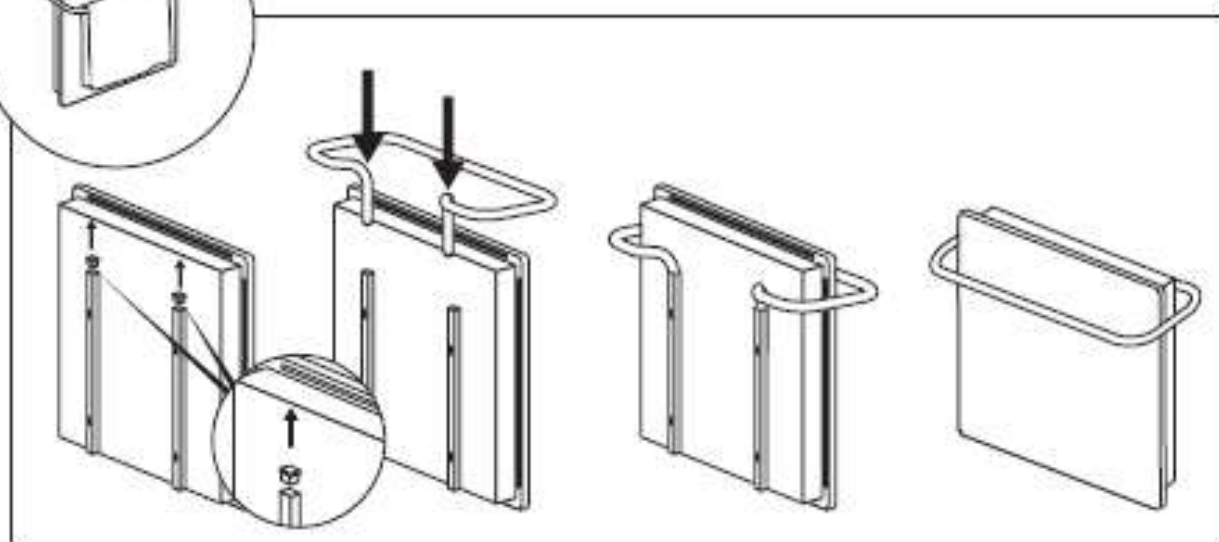
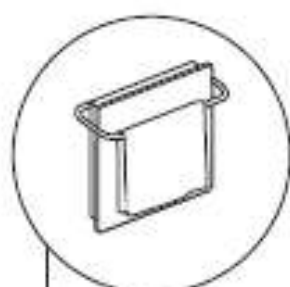
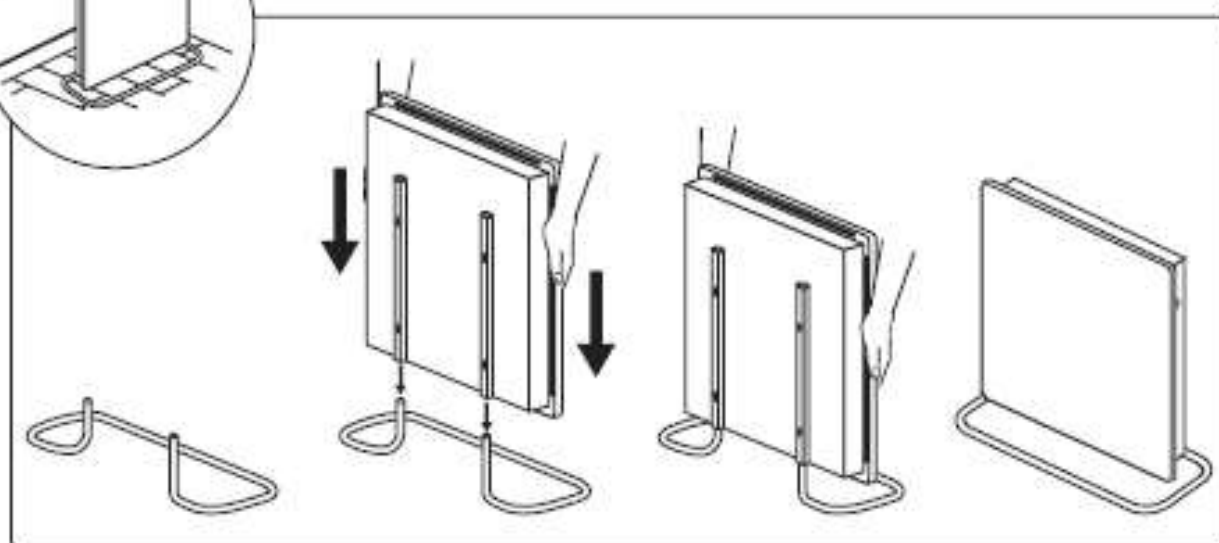
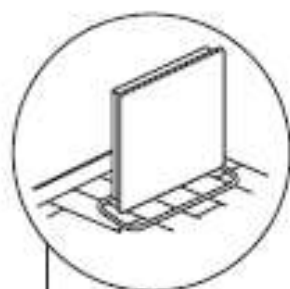
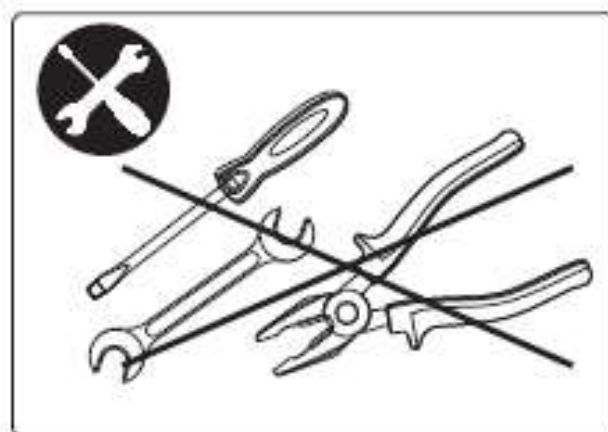
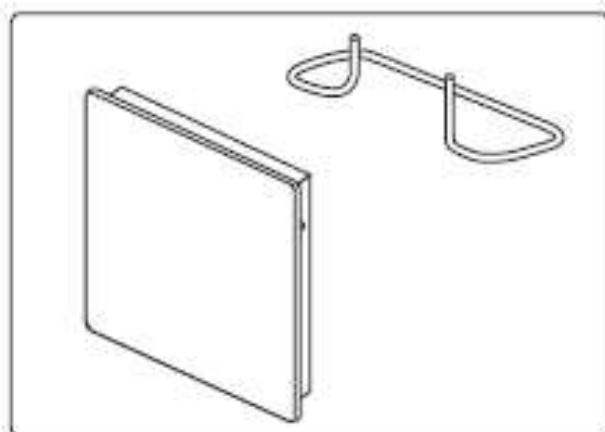


USER'S GUIDE

CLIMASTAR
silicium technology



SILICIUM 3 IN 1



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1- INTRODUCTION

Congratulations on your purchase of your SILICIUM WIFI low consumption heater!!

The product you have just purchased has undergone numerous tests and inspections to guarantee the highest quality.

We hope it will give you entire satisfaction.

Please, read carefully this user's guide before installing your device.

- Make sure the supply voltage corresponds with that on the nameplate (located on the left side of the device).
- The Schuko plug must be connected to a compatible Schuko socket.
- Do not place the device right under an electrical outlet.
- If the supply cord is damaged, it must be replaced by the manufacturer, its after sales service or any other qualified person.
- Not intended for children under the age of 3 unless duly supervised.
- Children over 3 and below the age of 8 must only turn on/off the device whenever it has been duly placed or installed, has been give supervision or instructions concerning use of the appliance. Children from 3 to 8 must not plug, regulate and clean the device, nor carry out any maintenance activity.
- Not intended for use by persons (including children over 8) with reduced, physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must not play with

the device. Cleaning and maintenance must not be carried out by children without prior supervision.



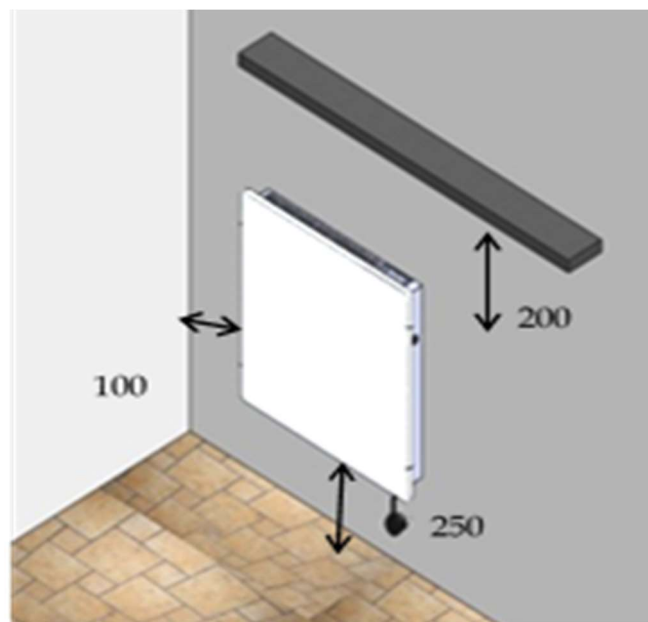
WARNING: some parts of this device may overheat and cause burns. Pay special attention when children and vulnerable people are around



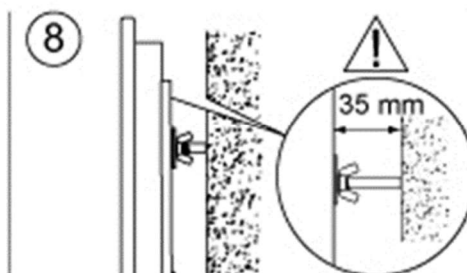
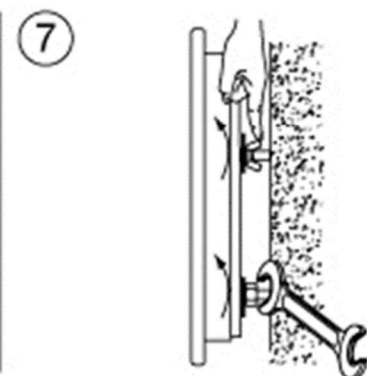
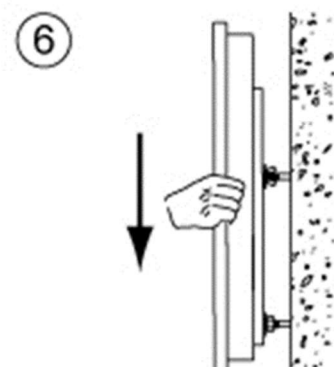
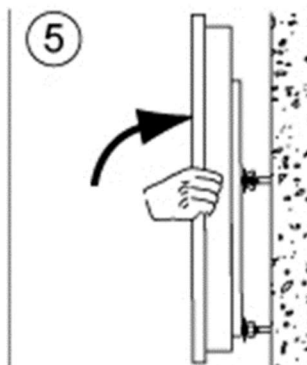
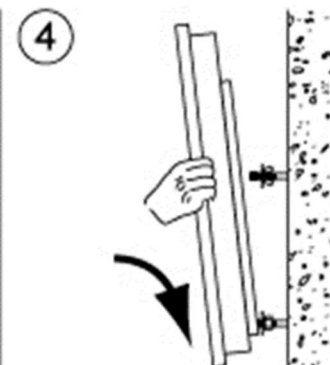
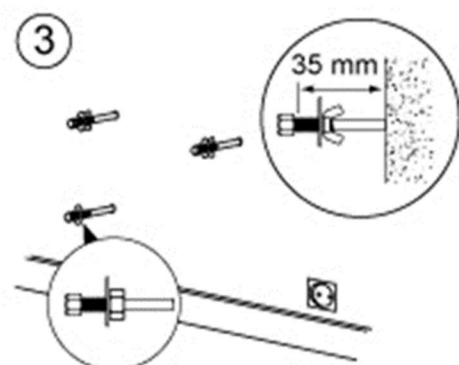
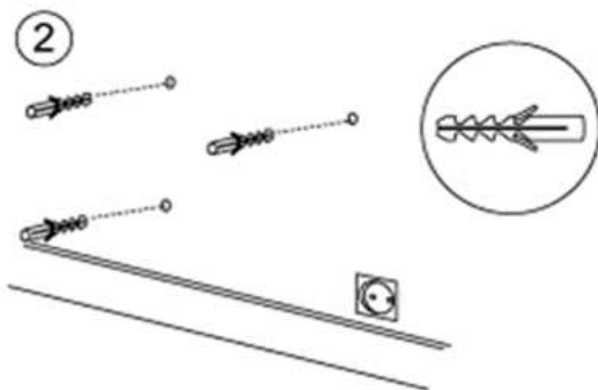
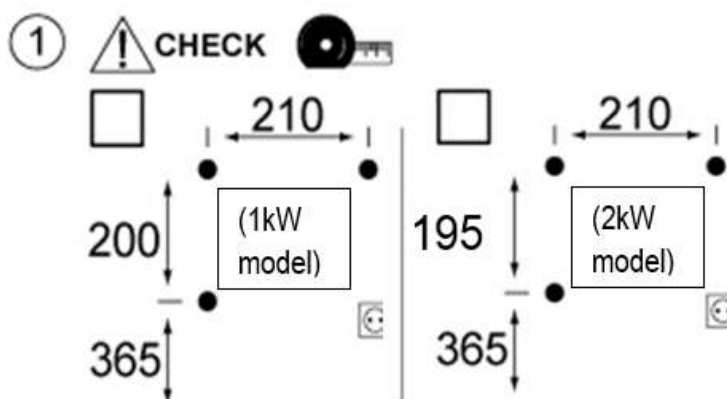
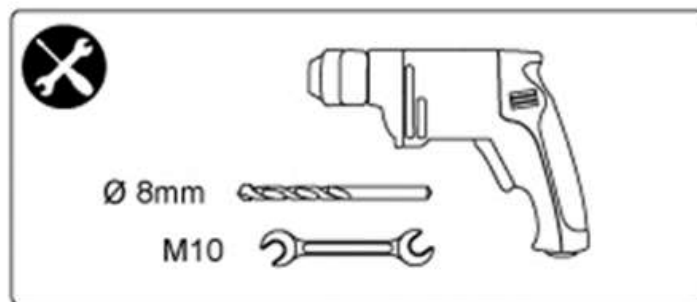
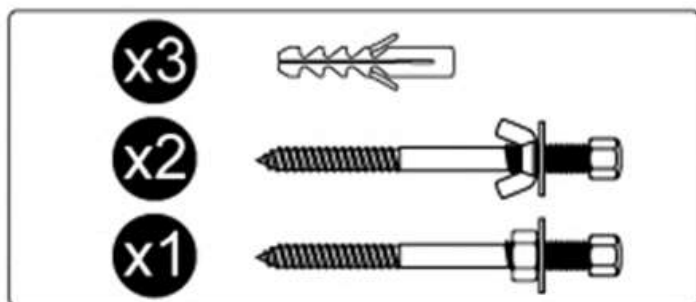
- To avoid possible overheating, do not cover the device

2- WALL FITTING

- The device includes a mounting kit with the required hardware - rawlplugs and 6 mm screws- and the wall support.
- The rawlplugs supplied with the mounting kit cannot be used on dry walls. For this type of wall, special rawlplugs must be used.
- When installing the device on the wall, the distance indicated below must be considered:
-




- Once decided the location to install the device, remove the packaging and extract the device and its mounting kit.
- Fix the radiator to the wall as indicated below:



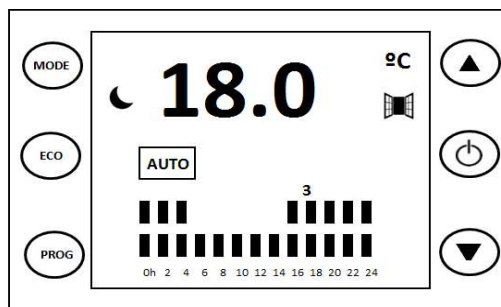
Check dimensions and levelling before drilling. Dimensions in mm.




3- SETTING UP

3.1 STARTING THE DEVICE

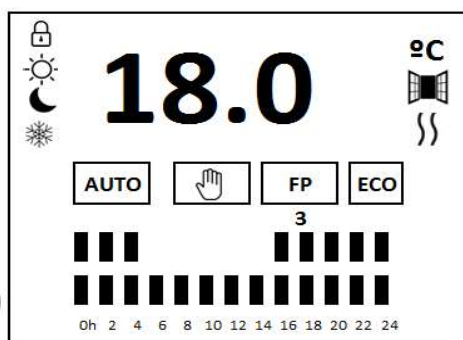
First, plug in the power cord to a mains power outlet, and click the switch you can find on the right side of the heater. Then press  on the display to turn on the radiator, ECO symbol turns on.




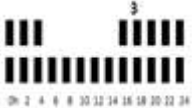



3.2 DISPLAY CONTROL



MODE	Working modes		Increase
ECO	Quick access to ECO temperature		Turn on, turn off and validate
PROG	Programme		Decrease

3.3 THE SCREEN



	Temperature selection	18.0	Set temperature
	Working mode		Open window function performance
	24/7 programming		Heating element ON
	Lock function		Quick access to ECO temperature

3.4 WORKING MODES

There are 3 operating modes:

- **Auto.** Temperature will automatically vary depending on a predefined setting based on 3 temperatures (comfort, eco, antifrost). Bars show how temperature is programmed per hour.
- **Manual.** The user selects the setpoint temperature.
- **FP.** The device follows a centralized programming according to the GIFAM standard (only available in France)

Press key MODE to change the working mode.

3.4.1 MANUAL MODE

- How to select the MANUAL mode

MODE



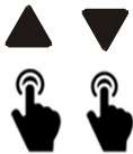
20.0

°C



This symbol shows on screen

- Select the comfort temperature.



21.0

°C



Having selected the manual mode, press ECO button to decrease 3°C the room temperature.

ECO



18.0

°C



ECO



This symbol shows on screen

Press ECO button again to return to comfort temperature.

ECO



21.0

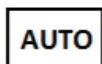
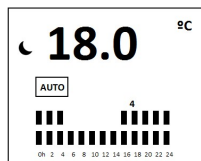
°C



3.4.2 AUTO (MATIC) MODE

- How to select the AUTO mode

MODE



This symbol shows on screen

-
How to set the temperatures

In this mode, set temperatures will automatically change according to the user's configuration who will assign one of these 3 temperatures to each hour:

- Comfort (☼) - selected by the user to get maximum comfort. Being the icon ☼ on, the user can select the temperature pressing the ▲ ▼ buttons.
- Economy or saving (☾) - used at night or short absences. It is always 3°C below set/comfort temperature.
- Frost protection or minimum (❄) - prevents the room temperature going below 7°C.

3.4.3 FP MODE

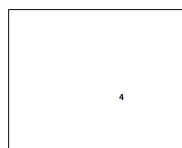
The device follows a centralized programming according to the GIFAM standard (only available in France).

3.5 SETTING THE TIME AND USING THE RADIATOR

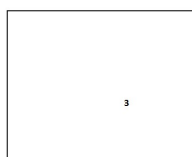
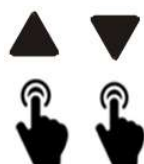
3.5.1 SETTING THE TIME

- Press button PROG until the day of the week flashes.

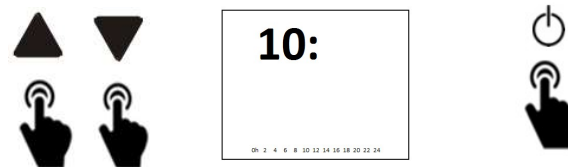
PROG



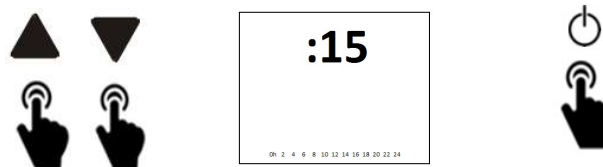
- Press ▲ ▼ buttons to select the day of the week, click ⏻ to confirm. Hour digits flash.



- Press ▲▼ buttons to select the hour, click ⏻ to confirm. Minute digits flash.

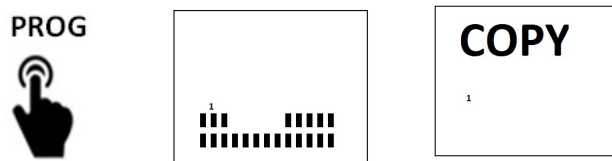


- Press ▲▼ buttons to select the minutes, click ⏻ to confirm

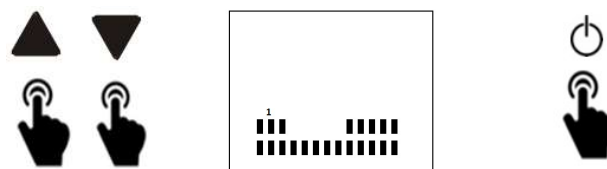


3.5.2 USING THE RADIATOR

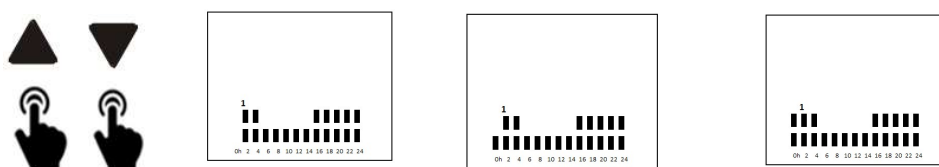
If you do not want to programme the radiator at this stage, press twice the PROG button.



To carry out a custom programming, press ▲▼ to select the day of the week to programme. To confirm, press ⏻



Start at 0h, press ▲▼ to select the temperature: comfort, , eco  or 0h frost protection.



Confirm and programme the following hour.



Repeat these steps until you go through all the 24 hours.

To programme other days of the week, press the ▲▼ buttons to select the day and proceed as previously mentioned.



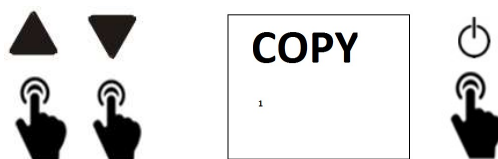
3.5.3 COPY FUNCTION

This function enables you to copy a previously programmed day to any other day.

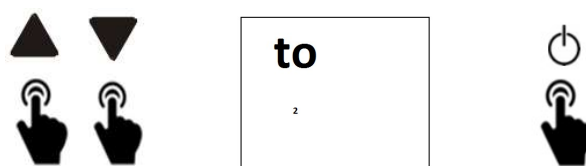
Press the PROG button until COPY shows on the screen.



Press the ▲▼ button to select the programmed day, press ⏻ to validate.



Now, press the ▲▼ button to select the number of the day you are copying to. Press ⏻ to confirm.



3.5.4 KEY LOCK FUNCTION

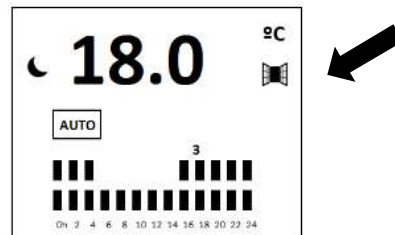
To set this function, press both the MODE and UP arrow buttons for 3 seconds.



To unlock, do the same.

3.5.5 OPEN WINDOW DETECTOR FUNCTION

The device has a built-in sensor that detects any sudden temperature changes that may occur, i.e. when a window is opened, or any other circumstance that may prevent the radiator from raising the room temperature. This mode activates when the temperature decreases by 3°C in 5 minutes. This mode stays until this decreasing tendency disappears.



4- MAINTENANCE

- Keep the floor clean to avoid stains on the wall.
- At the beginning of the year's heating season, the inner parts of the radiator should be vacuumed because dust can be accumulated in the heating element while the time of the year that the radiator is been off.
- The device can be washed with a moistened cloth or with any washing conventional product.

5- TECHNICAL CHARACTERISTICS

3 in 1

Power: (W)	1000 W		2000 W	
Dimensions: (mm)	500 x 500 x 90			
Weight: (Kg)	11			
Voltage:	230v ~AC		Class:	II
Frequency:	50 Hz		IP:	24
Ceramic component:	DUAL KHERR			
External Housing:	Powder coated steel structure			
Thermostat	Electronic. Temperature range 5°C to 30 °C			
Safety thermostat	Bimetallic, Automatic, Rated Temperature: 90 ±5°C,Reset Temperature: 65 ±10°C			
Heat output		1000 W		2000 W
Nominal heat output	P_{nom}	1,0 kW		2,0 kW
Minimum heat output (indicative)	P_{min}	N.A.		N.A.
Maximum continuous heat output	$P_{max,c}$	1,0 kW		2,0 kW
Auxiliary electricity consumption		1000 W		2000 W
At nominal heat output	el_{max}	N.A.		N.A.
At minimum heat output	el_{min}	N.A.		N.A.
In standby mode	el_{SB}	0,000 kW		0,000 kW
Type of heat input (select one)				
manual heat charge control, with integrated thermostat				no
manual heat charge control with room and/or outdoor temperature feedback				no
electronic heat charge control with room and/or outdoor temperature feedback				yes
fan assisted heat output				no
Type of heat output/room temperature control				
single stage heat output and no room temperature control				no
Two or more manual stages, no room temperature control				no
with mechanic thermostat room temperature control				no
with electronic room temperature control				no
electronic room temperature control plus day timer				no
electronic room temperature control plus week timer				yes
Other control options (multiple selections possible)				
room temperature control, with presence detection				no
room temperature control, with open window detection				yes
with distance control option				no
with adaptive start control				no
with working time limitation				yes
with black bulb sensor				no

CLIMASTAR GLOBAL COMPANY, S.L
 Carretera AS-266 Oviedo-Porceyo, Km 7.
 33192 Pruvia (Llanera) - Asturias - Spain

6- FAQs

PROBLEM	PROBABLE CAUSE	SOLUTION
The device does not heat up	The device is in energy-saving mode	Due to the thermal inertia, the device transfers heat to the room; should you need more temperature, increase the device temperature
The room does not reach the desired temperature	Incorrect setting of the set temperature	Check the set temperature on the display to verify it is the desired temperature.
	Improper sizing	The power is not the adequate for the place in which it has been installed
	Excessive height	Make sure the system is installed at the recommended height
	Input and output grids are obstructed	Do not place anything on top of the radiator and do not install it inside a cavity wall.
The radiator does not operate	Set temperature below room temperature	Rise the radiator's set temperature until it is 1 degree above the room temperature
	Check that the automatic control is not down. If it is down put it up.	Check that the automatic control is not down. If it is down put it up
		Make sure the installation is correct and that there are independent lines for the heating system with a 2.5 mm ² cable gauge and a maximum power of 3500 w
	Switch it off	Set the switch in position I
	Program is OFF	Check that the set program is the chosen one or set the one you desire.
The radiator stains the walls	Radiator located at a very low height	The minimum height from the floor to the radiator's lower part must be at least 25 cm
	Dust accumulation on the wall	Vacuum it at the beginning of each heating system
	Type of painting on the wall	Paints with a high content in rutile are likely to darken
Blocked buttons	No response from operating buttons	Press buttons MODE and ▲ for 3 seconds.

7- GUARANTEE

CLIMASTAR guarantees that in the moment of its purchase the product is free of any defect in the materials and in the work force (limited guarantee). CLIMASTAR offers a commercial and voluntary guarantee; conditions included are similar to those of the legal guarantee, being CLIMASTAR responsible for the non-conformities arisen in the terms and conditions mentioned below. Moreover, CLIMASTAR offers a total warranty of 2 years in the spare parts.

- CLIMASTAR is responsible for the non-conformities arisen within the 6 months following the date of sale. If the non-conformity arises after those 6 months, the user shall prove that the non-conformity already existed when delivered. The user must inform CLIMASTAR of said non-conformity in a period inferior to two months.
- To obtain the service under the terms of this warranty it is important to detail the device's purchasing date because the warranty period starts with the purchase invoice of the system customer. However, in no case this warranty will be liable for defects that may arise after thirty-six months from the manufacture date.
- This warranty is strictly limited to the repairing in the factory of the manufacturing defect part or parts of the device, or to the complete replacement of the system when, in the opinion of the manufacturer, it is not possible or is uneconomical. This does not include any other type of expenditure as an installation, assembly, disassembly or transport.
- This warranty does not cover defects and / or malfunction caused by accidents, misuse, negligence, wears, breakage, an incorrect installation and poor electricity supply to the system. This warranty is also excluded if it is used with another purpose other than heating, for an alteration, modification, tampering or unauthorized repairing of the product, and by other different causes beyond the manufacturer's reach after the delivery of the product.
- The warranty does not cover the costs and expenses incurred to access the device or installation, such as in hidden locations, heights, non-practicable ceilings. Neither does it include the costs derived from removing or replacing any structural element to access the device or the installation.
- No heating system will be returned to CLIMASTAR without a previous codified and official MERCHANDISE RETURN AUTHORIZATION. CLIMASTAR assumes no liability for any equipment that is returned without the previously mentioned MERCHANDISE RETURN AUTHORIZATION.
- CLIMASTAR and/or its agents have the right to decide whether to replace the system or to repair the damaged components. None of these options will extend the original warranty period.
- Any reparation must be done by the Technical Service and authorized by the manufacturer and/or any of its agents; any manipulation done by unauthorized personal will void this warranty. In case of substitution of the device the buyer must go to the selling centre which will be in charge of receiving the system.
- RESPONSIBILITY LIMITATION: CLIMASTAR as a manufacturer is not responsible for any personal or material damage that directly or indirectly might result of a non-proper installation, from an improper handling or neither for the lack of technical qualified staff, nor for the installation costs which are expressly excluded from this warranty.
- None of the present conditions may be extended or modified without the express consent of CLIMASTAR.



CLIMASTAR GLOBAL COMPANY S.L.

Carretera AS-266 OVIEDO-PORCEYO/ Km.7 Pruvia

33192 - Llanera (Asturias)- SPAIN

www.climastar.es



CARDBOARD PACKAGING CAN BE RECYCLED



DO NOT PLACE THE ELECTRICAL ITEM IN
THE GENERAL WASTE (IT SHOULD BE TAKEN
TO A LOCAL RECYCLING CENTRE).