

USER'S GUIDE

CLIMASTAR®

OPTIMUS

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1 GENERAL INFORMATION

- Please, read carefully this user's guide before installing your device.
- Climastar Heating System must only be destined for heating.
- 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 given 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

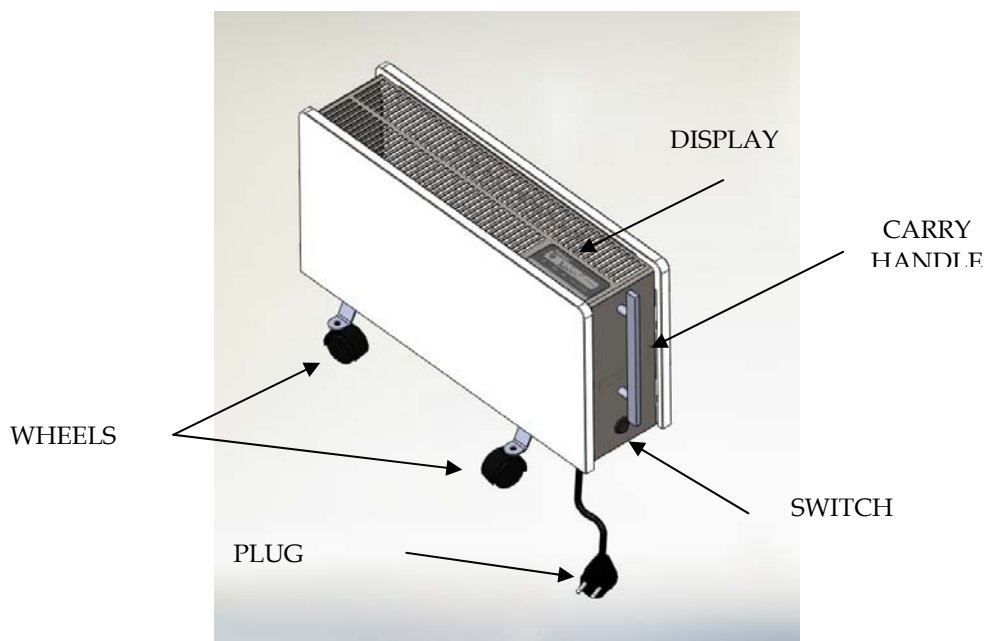
- All our devices have an automatic turn off system that works in case of overheating. The device will automatically switch off its work if it is overheated. When the cause that produced the overheating ceases the device will automatically start functioning again after a few minutes. If this situation is repeated without the grids being covered or obstructed, please contact the Technical Service.
- The device does not need an earth wire because it is a Class II device (electrically isolated).



WARNING: To avoid possible overheating, do not cover the device

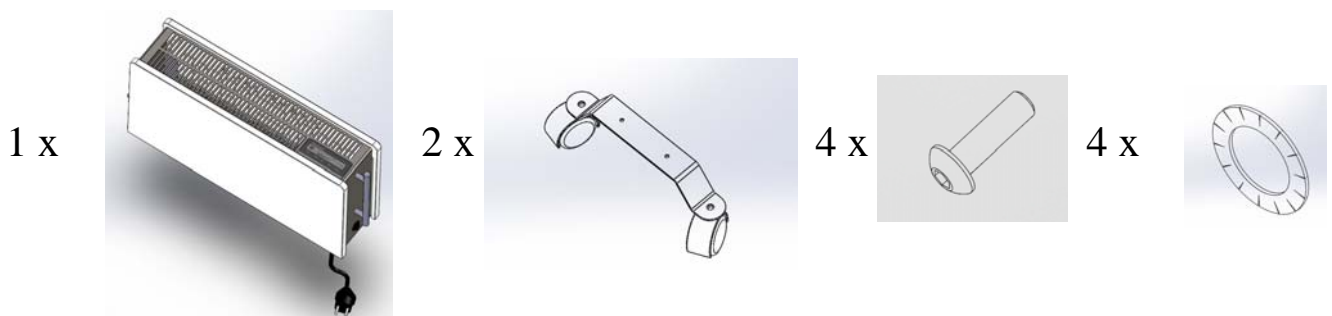
- Do not use the device near water (a bath, a shower or a swimming pool).
- Press the buttons softly to avoid any damage; do not manipulate the device with ball pens or similar to avoid scratches.

2 DESCRIPTION / OUTWARD APPEARANCE



2.1 LIST OF COMPONENTS

Make sure the following elements are included. If any is missing, please contact your distributor:



3 BEFORE STARTING YOUR DEVICE

Make sure the supply voltage corresponds with that on the nameplate

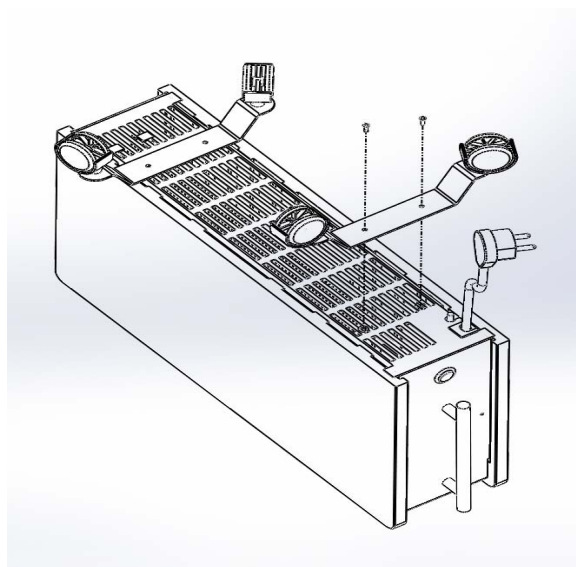
Verify that the system's or other connection wires are not in contact with the device's surface.

If the radiator is located in the kitchen or bathroom/shower, make sure it is placed in such a way that someone in touch with water cannot activate the controls, in compliance with the regulation in force in each country.

The heating systems cannot be installed in a location with a high risk of explosion or fire. Example: fuel, oil or gas warehouses, etc...

4 ASSEMBLY

Screw the wheels as shown below:



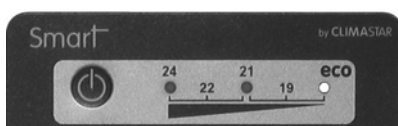
5 SETTING UP

5.1 *STARTING THE DEVICE*

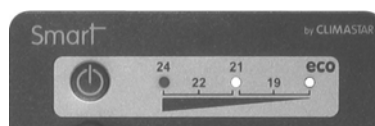
First, plug in the power cord to a mains power outlet, and click the switch on the right. Press \odot to turn on the radiator, ECO light turns on.

5.2 *CONFIGURATION OF SETTING TEMPERATURE*

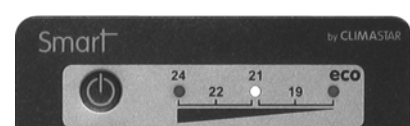
Once the unit is ON, press \odot to select the desired temperature. Depending on the temperature selected, light displayed is different; see images below.



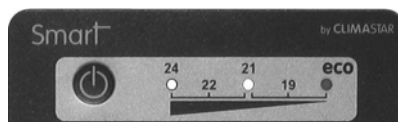
18 °C



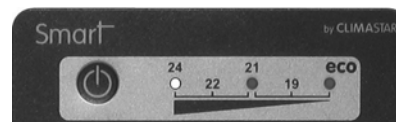
19 °C



21 °C



22 °C



24 °C

5.3 *SELECT THE OPERATIONG MODE*

There are 3 operating modes:



- Manual. The user determines the setpoint temperature.
- Timer: The user selects both the setpoint temperature and the operating time or downtime.
- Replay. The user selects desired temperature and time duration- the unit automatically starts and stops.

Manual Mode

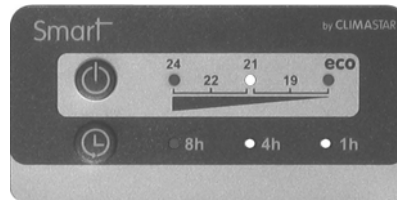
To select temperature, press \odot repeatedly until the light activates on the desired temperature (see figures 5.2).

Timer Mode


To select the temperature, press 

Press  to select the operating time. By pressing  repeatedly, operating hours or a combination of operating hours will be selected.

E.g.




The unit is programmed at 21°C during 5 hours.

To deactivate the timer function press  repeatedly until the time LEDs are deactivated

Replay Mode

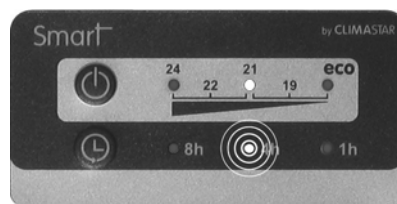
Press  to select the desired temperature.

Press  to select the operating cycle. By pressing it repeatedly, programmed hours or a combination of programmed hours will be selected.

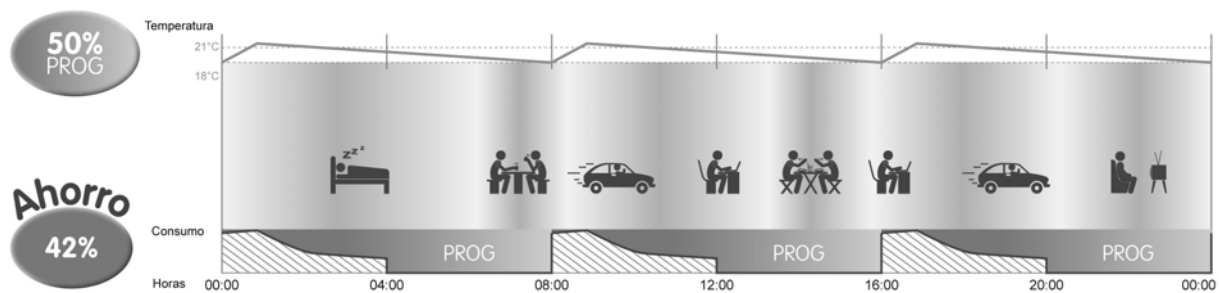
To select the replay mode, press  for a few seconds, time lights start to flash, replay mode is activated.

Programming time starts as soon as it is set.

E.g.





The unit is set to connect and disconnect every 4 hours. If it was set at 8 a.m., the heater works as shown below.



Press  once to deactivate the replay mode.

5.4 BLOCK THE DEVICE

This function enables to block the controls. To set this function, press  and  simultaneously. To unblock, do the same.

6 RECOMMENDATIONS OF USE

The Climastar range of heating products needs no maintenance. Only certain preventive measures may be necessary:

- Do not cover the air exits. Do not place clothing over them.
- Keep floors clean to avoid staining on the wall.
- At the start of each heating season, vacuum the interior of the equipment. After being switched off for some time, dust may accumulate on the element.
- Do not place the equipment under a ventilation grill or near any location that may generate a draught.
- Install the equipment so that nothing prevents the circulation of air generated (furniture, curtains, etc). Otherwise, a loss of temperature control or performance may be found.
- To prevent loss of heat and therefore wasting electricity, if possible improve insulation of the windows with draught excluders, double glazing or thermal breaks.
- The DUAL KHERR can be cleaned with a damp cloth, alcohol or even nitric acid (for difficult stains). Due to its durability, it

will not be degraded by the use of any type of substance (Standards EN 99 and EN 202). Also, thanks to its composition, direct sunlight can shine directly on the equipment without altering its appearance (Standard EN 51094).

- The equipment cover can be cleaned with a damp cloth.

7 TECHNICAL CHARACTERISTICS

MEASURE & WEIGHT	
Description:	OPTIMUS
Power:	1600 W
Measures:	320 x 500 x 140 (mm)
Weight:	9.8 Kg.
TECHNICAL CHARACTERISTICS	
Voltage:	230 V
Frequency:	50 Hz
Plug:	Bipolar 10-15 A/250 VAC
Safety thermostat:	Automatic - Cut-off temperature $90 \pm 0,5^\circ$ - Reset temperature $65^\circ \pm 10^\circ$
Electronic thermostat:	Temperature Range 18 - 24 °C
Type of protection:	Class II IP 24
MATERIALS	
Back cover:	High-quality steel
Front:	Dual Kherr

8 FAQs

PROBLEM	PROBABLE CAUSE	SOLUTION
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.
	Input and output grids are obstructed	Do not place anything on top of the radiator and do not install it inside a hole made in the septum.
	Set temperature below room temperature	Rise the radiator's set temperature until it is 1 degree above the room temperature
The radiator does not operate	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 is 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.
Blocked buttons	No response from operating buttons	Press buttons ON and TIMER for 3 seconds.

9 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 AUTHORITY. CLIMASTAR assumes no liability for any equipment that is returned without the previously mentioned MERCHANDISE RETURN AUTHORITY.
- 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®

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