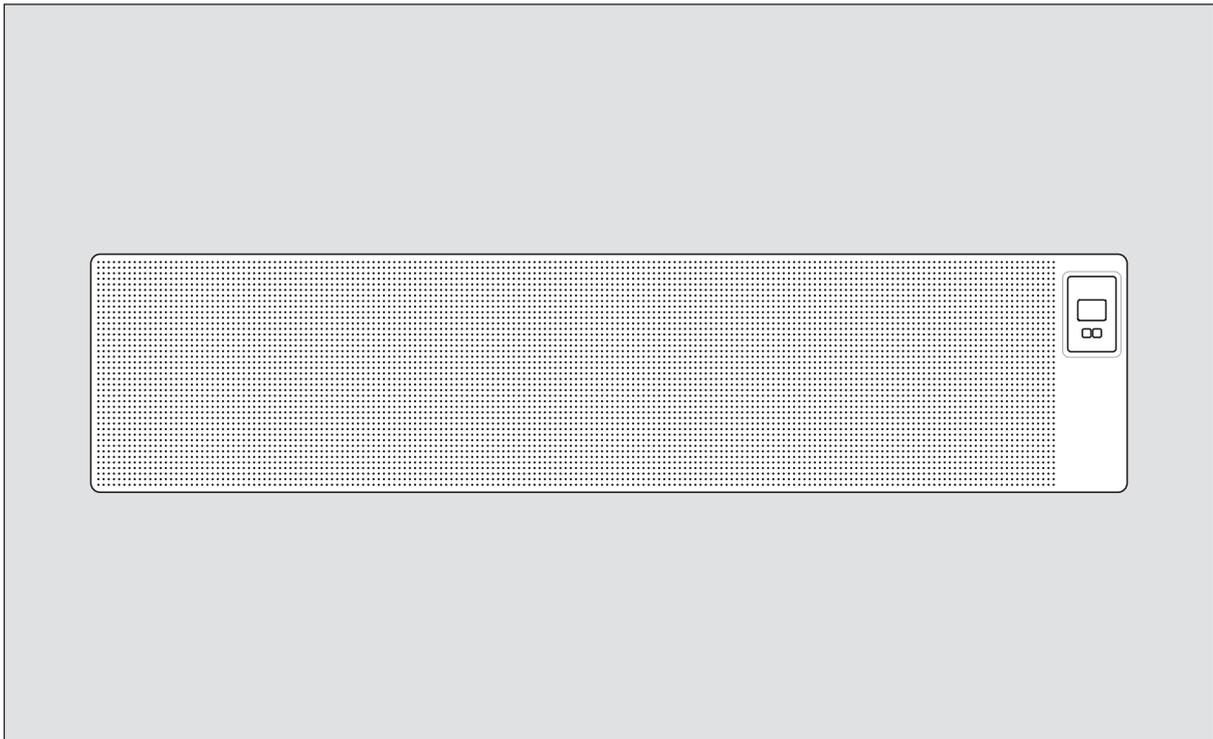


ducasa

The 'Sunrise-Eco'

SR03DE



1250w Radiant Panel Heater

Class II Rated Appliance

NOTE:

A qualified electrician must carry out the electrical installation of this heater. The Electrical installation must comply with the current UK regulations. Any claim on the warranty could be invalid if these requirements have not been met.

INSTALLATION AND OPERATING INSTRUCTIONS

IMPORTANT – READ CAREFULLY AND RETAIN FOR FUTURE REFERENCE

SAFETY WARNINGS

- Do not use heater until it is correctly fitted to a wall using the brackets supplied.
- This appliance must not be located immediately underneath a fixed socket outlet.
- Check the condition of heater before use. If it is damaged, the appliance must not be used until repair has been made. Only qualified personnel may carry out repairs - incorrect repairs can put the user in considerable danger and make the guarantee invalid.
- Unplug the appliance before cleaning it with a vacuum cleaner, a damp cloth or a brush. Abrasive or corrosive cleaning agents must not be used. If you do not use the appliance for a long time, you should protect it against excessive dust or dirt.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- **CAUTION** — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- In order to avoid overheating, **do not cover the heater**. Do not dry clothes or towels on the heater.
- Must be used on mains supply only at the voltage marked on the appliance.
- A 13amp fuse approved to BS1362 must be used if replacement is required.
- In bathrooms, the heater must not be sited inside the protected area. The control unit switches must not be reachable, directly or indirectly, by a person in the bath or shower.
- If the electricity cable gets damaged it must only be replaced by a technician appointed by the supplier.

For further information or in case of difficulty please contact your supplier.

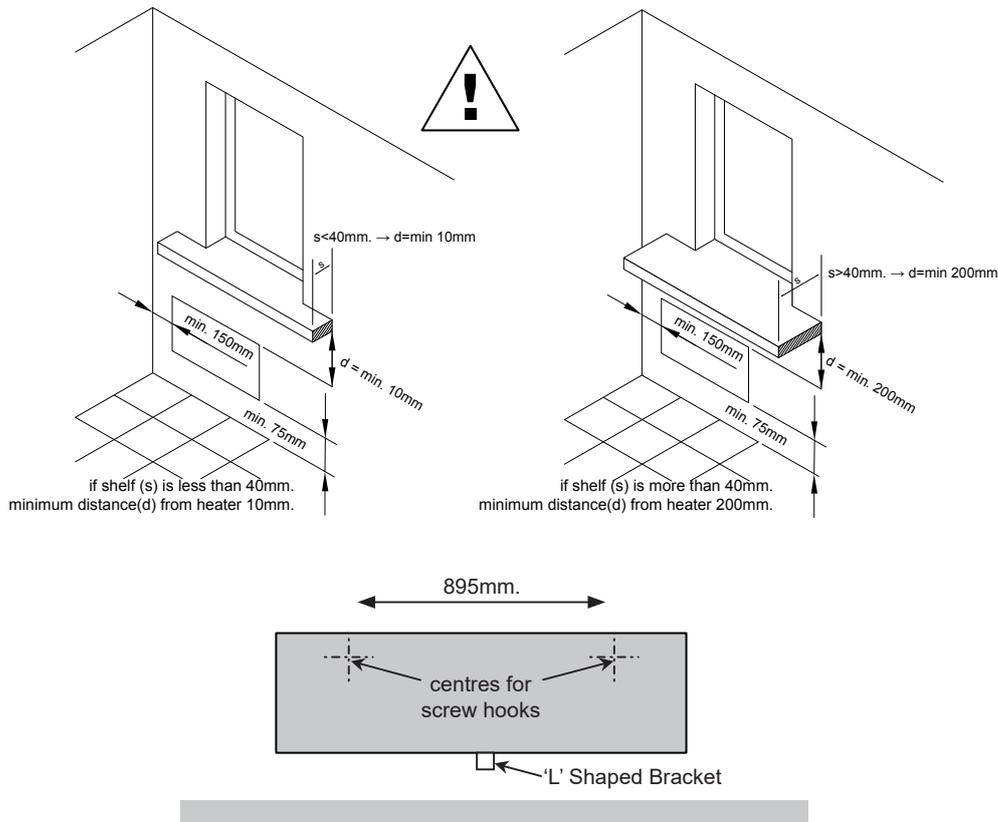


“DO NOT COVER”, which acts as a reminder for the user. It is recommended that the air contacts all the surfaces of the heater.

INSTALLATION

Select a suitable position on a wall, near to a mains power socket (but not directly below it) making sure there is at least 75mm below and 10mm above the heater of unobstructed space if the window sill protrudes less than 40mm. If the sill protrudes more than 40mm then space required above is 200 mm.”

Fix the two screw hooks to the wall at measured centres of 895mm.



Locate the appliance over the top of the screw hooks and allow it to hang in place.

Fit the bottom 'L' shaped bracket onto the wall and then secure the heater by screwing the small screw directly into the underside of the grill.

The cable comes out from the right hand side of the heater and measures approximately 1.6m.

Please Note: Although the heater is manufactured to comply with the relevant safety standards, the temperatures under a heater could discolour certain types of carpets and surfaces. If you are concerned about this, we recommend that you contact the carpet or surface manufacturer.

USING THE HEATER

Before switching on, ensure that all packaging items are removed and that the heater is wall mounted correctly otherwise damage may occur.

Plug in and switch on at wall socket.

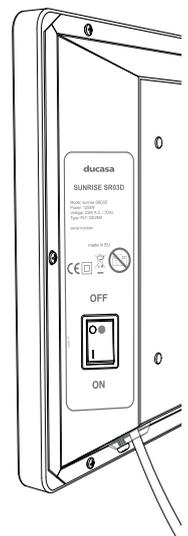
The element has been coated with a protective film, which will burn off during the first few minutes and may cause a small amount of fuming. This is quite normal – the fumes are non-toxic and will quickly disappear. We recommend that you open a window to ventilate the room when using the heater for the first time.

You may notice some parts of the element appearing to be hotter from time to time because of the variable airflow through the heater. This does not cause a safety hazard.

The heater grille may become discoloured with use – this is caused by airborne pollution and is not a fault.

MAIN SWITCH

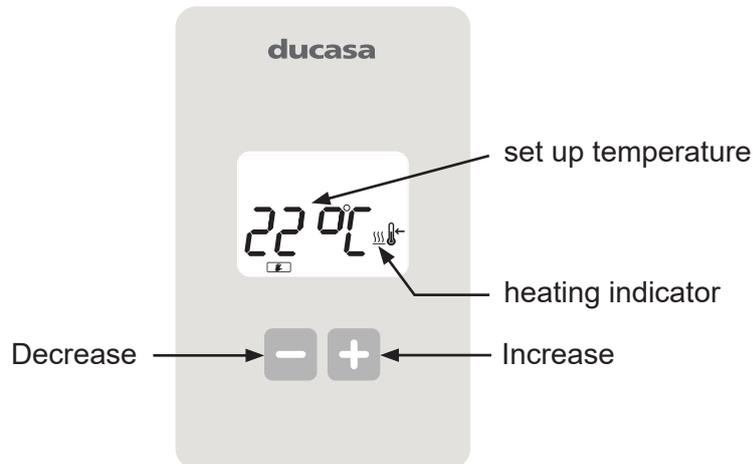
To switch on the heater press power switch down to the 'on' position.



OPERATING INSTRUCTIONS

Controls

The control of the room temperature is by means of an electronic thermostat in the control unit on the right hand side of the heater. The panel consist of two push-buttons and an LCD display. There is also a main On-Off switch on the right hand side of the control panel.



Possible failures of the thermostat:

If the thermostat senses a temperature below -15°C , you will see **OC** displayed on the screen.
If the thermostat senses a temperature above $+50^{\circ}\text{C}$, you will see **SC** displayed on the screen.

Switching On

Once the heater has been mounted on the wall and correctly connected to the main electricity power supply, press the main On-Off switch.

During use, the control panel will display the set up temperature.

When the heater is switched on, pressing the + and – buttons will increase/decrease the comfort temperature in increments of 0.5°C . Pressing and holding down either button will rapidly change the setting in increments of 0.5°C ; release the button when the desired temperature is reached. Once the required temperature has been entered and there is no further use of the + and – buttons, the control unit will automatically remember the selected temperature.

Temperature Compensation

Due to the characteristics of the heater, the control unit has to read the temperature measurement from the lower part of the apparatus, but it is automatically adjusted in relation to the comfort temperature setting. However it is possible to manually adjust this "Thermic Compensation".

Room temperature, recorded by an ambient thermometer minus Comfort setting (temperature) displayed on the control panel screen = compensation value.

1. Press + button during switch ON with the main switch.
2. Press the + or - buttons to enter the adjustment in increments of 0.1°C . (from -7.0° to 7.0°)
3. If the keyboard is not used for 5 seconds, the thermostat will return to the normal mode.

Example:

A temperature 22°C is measured in a room with a thermometer while the value of the required Comfort temperature on the thermostat 20°C .

The setting for the compensation is therefore: $22 - 20 = 2^{\circ}\text{C}$.

In the temperature compensation mode, the user should put in: $+2^{\circ}\text{C}$.

Keypad Locking (Anti-Tamper)

The keypad can be locked to prevent any unauthorised person (children, people in public places, nurseries, offices, hotels etc.) altering the settings and programming in the control unit. To lock the keypad depress and hold the + and – buttons at the same time. The screen will flash



press 3 seconds for Lock

press 3 seconds for unLock

MANUAL MODE



choose MANUAL temp +/-
(21°C factory default)

PROGRAMMING MODE



press for 20 seconds
to set TIME and access weekly
programmes



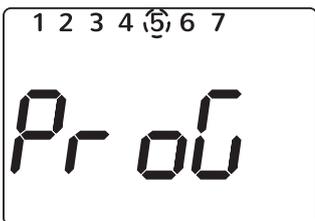
Set DAY (1=Mon, 7=Sun) by pressing +
then press - to move to next screen



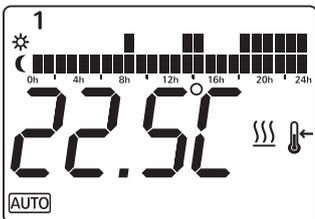
Set HOUR by pressing +
then press - to move to next screen



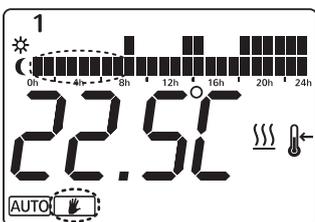
Set MINUTES by pressing +
then press - to move to next screen



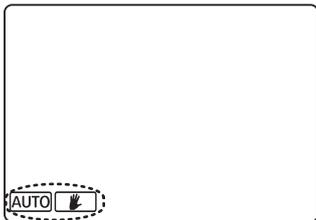
Select pre-set programme 1 to 7
by pressing + and confirm by pressing -
(See separate table for details of programmes)



Screen shows current day and programme settings for each hour.
Display will alternate between set temperature and clock
Heater is now in AUTO mode



Override set temperature by pressing + or -
MANUAL icon and blocks flash to indicate programme override.
Returns to programmed temperature at next mode or day change.

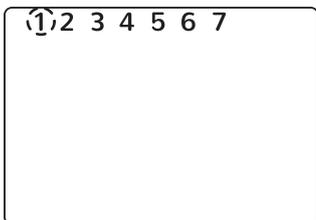


Press both buttons 3 times to choose AUTO or MANUAL mode
 AUTO and MANUAL icons flash
 Select mode with +/- and after 5 seconds of inactivity mode is set

ADDITIONAL FEATURES



When in MANUAL mode,
 if power is disconnected and then reconnected the last set temperature is retained.



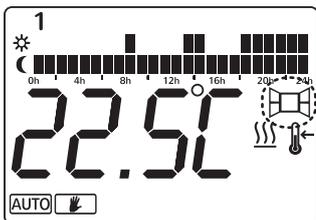
When in AUTO mode,
 if power is disconnected for more than a few minutes the DAY and TIME will need to be re-entered before returning to AUTO.
 The last set temperature will be retained.

Temperature Range 10.5°C - 30°C

Temperature Settings

- ☀ (21°C factory default) Comfort temperature is set using +/- when in MANUAL mode
- ☾ Economy temperature is 3°C less than comfort temperature
- ❄ Frost protection temperature is set at 7°C

OPEN WINDOW DETECTION



☞ The controller has an OPEN WINDOW feature, active in both MANUAL and AUTO modes.

If temperature drops by 0.6°C a minute for 4 consecutive minutes the heater will switch off for 30 minutes.

OPEN WINDOW icon is shown on the screen



The heater will return to normal heating;

- After 30 minutes
- If the temperature increases by 0.2°C for 1 minute from the point of activation.
- + or – key is pressed

WEEKLY PROGRAMME 1

Mon-Fri

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WEEKLY PROGRAMME 2

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WEEKLY PROGRAMME 3

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WEEKLY PROGRAMME 4

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Models	Sunrise SR03DE
Heat output	
Nominal heat output (P_{nom})	1.25kW
Maximum continuous heat output ($P_{max,c}$)	1.25kW
Auxiliary electricity consumption	
At nominal heat output (eI_{max})	0.00037 kW
At minimum heat output (eI_{min})	0.00037 kW
In standby mode (eI_{SB})	0.00037 kW
Type of heat output/room temperature control:	Electronic room temperature control plus week timer
Other control options:	Room temperature control, with open window detection. With adaptive start control.
Heattend Products Ltd, https://www.heattend.co.uk/ Email: enquiries@heattend.co.uk	

MAINTENANCE AND CARE

Ducasa heaters require very little maintenance.

The surfaces of the heater must not be cleaned with an abrasive product or those containing granular substances.

We recommend regular cleaning with PH neutral products.

In order to clean the heater, it is recommended that the electric power is switched off.

Guarantee

Your appliance is guaranteed for two years from the date of purchase – during this period we will repair or exchange, at our discretion, any faulty or defective parts providing the appliance has been used in accordance with the operating & installation instructions and has not been misused or mistreated in any way. Any unauthorised repair or attempted repair will invalidate the guarantee.

This guarantee is additional to your statutory rights.

In the unlikely event of a problem with your heater please contact your supplier.

Correct Disposal of This Product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

UK Distributor of Ducasa Products:

Heattend Products Ltd

Web: www.heattend.co.uk

Email: enquiries@heattend.co.uk

