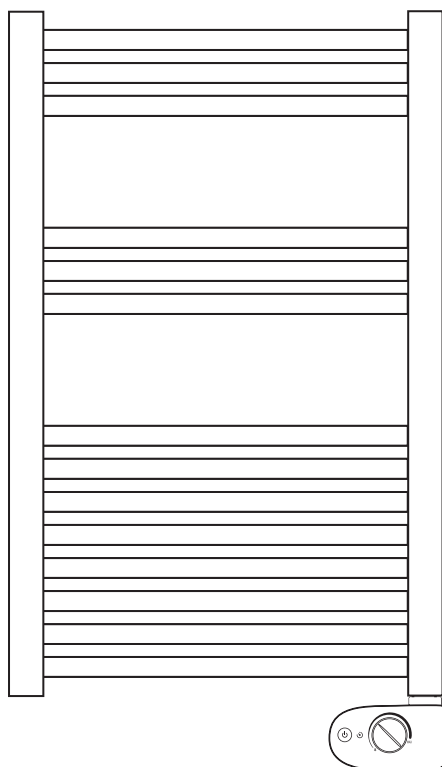


ducasa

Colorado SCR

Electric Towel Radiator Operating and Installation Instructions

(Read these instructions carefully and retain for future reference)

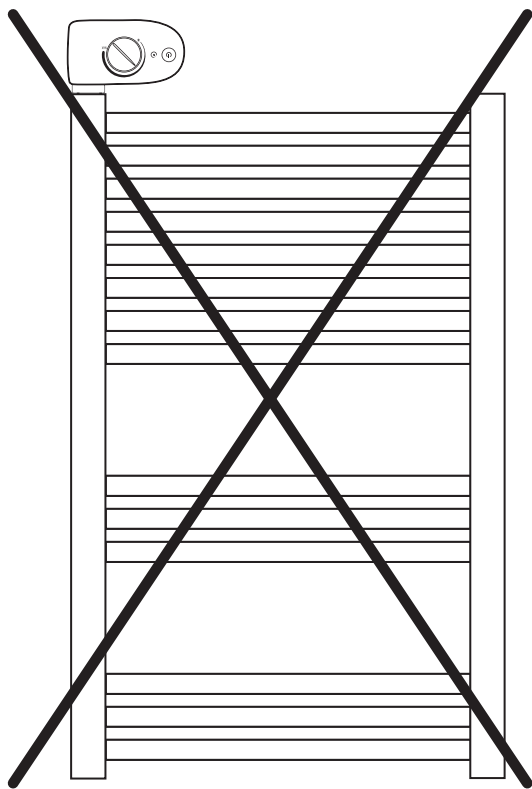


Models

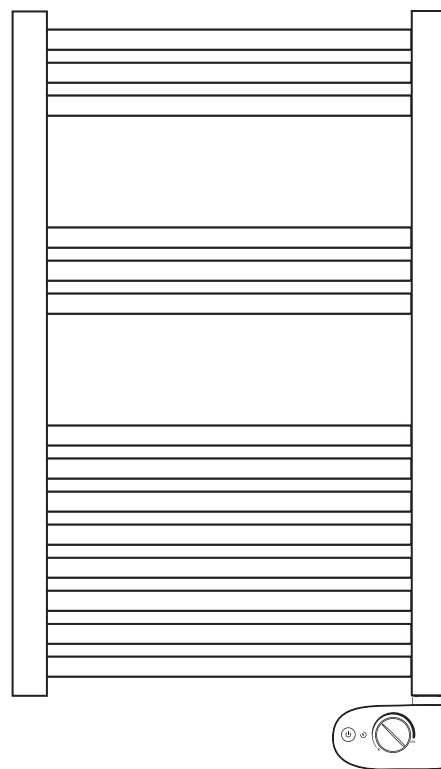
SCR 300	300W
SCR 450	450W
SCR 750	750W

NOTE

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



INCORRECT



CORRECT

GENERAL INFORMATION

Manufactured in steel, with a white powder coated finish, the Colorado towel radiator is simple to fit and maintenance-free.

Filled with a special heat conducting fluid, a selection of wattages and two hour boost facility, these towel radiators will enhance any home.

The two hour boost facility can be set at the touch of a button. This means the radiator will operate at full power for sufficient time to warm your towels while you are bathing and then dry them afterwards.

- Designed and fabricated in accordance with EN 60335-1, EN 60335-2- 43 and EN 55014 (regulations for domestic appliances)
- Colour White (RAL 9016)
- NEC Class II and IP44 Rated
- 230V A.C.
- Wall mounted
- Electronic thermostat
- One touch 2-Hour boost facility
- Overheat protection with safety cut-out
- Fitted with 1000mm power cable (without a plug)

MODEL	SCR 300	SCR 450	SCR 750
Wattage (W)	300	450	750
Power	230V/1/50Hz.	230V/1/50Hz.	230V/1/50Hz.
Weight (Kg.)	10.5	13	18
Dimensions (mm)	500 x 790 x 70	500 x 940 x 70	500 x 1400 x 70
Class	II	II	II
IP Rating	44	44	44
Cable (mm)	1000	1000	1000

IMPORTANT INFORMATION

See Section “Installation Instructions – Location of Heater” for important notes regarding the siting of the appliance.

Due to the surfaces of the radiator becoming hot, it must not be positioned directly against or below flammable surfaces.

This appliance is only intended for the drying of damp towels or clothes. Do not place flammable objects (e.g. paper, magazines, spray cans, volatile substances or similar objects) near or on the appliance.

WARNING: To avoid risks to very young children this appliance must be installed with the lowest heated rail at least 600mm above the floor.

In case of breakdown or damage turn off the radiator at the mains socket or switched fused spur and notify the supplier. If the radiator is to be disconnected from the mains, the supply must be isolated at the household consumer unit. Connections and disconnections to the power supply should be made by a qualified electrician

If the electricity cable gets damaged it must only be replaced by a technician appointed by the manufacturer. This will avoid possible risks and ensure that special tools are available if needed.

The radiator is filled with a precise amount of fluid and in the event of leakage it must only be opened by the manufacturer or by the authorised after sales service technician.

The standard rules about recycling and removal of synthetic heating fluid should be followed once the appliance is no longer in use.

Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years should 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 should 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.

INSTALLATION INSTRUCTIONS

ELECTRICAL POWER SUPPLY

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

The radiator requires a 230V 50Hz power supply.

Connecting wires:

Brown:	Live
Blue (or grey):	Neutral
Black:	Pilot wire (if required for external programmer)

NOTE: The towel rail does not require an earth wire.

The black wire is not required for this model of heater so please cut back and isolate ensuring it can not come into contact with the live or neutral wires.

The connecting wires must be of the appropriate section, in regards to the length of cable, type of cable and power rating of the apparatus.

The apparatus must be connected into a connecting box. According to regulations, the apparatus must be connected to the power supply by means of an all-pole circuit breaker with a contact gap of at least 3mm or by a thermal-magnetic circuit breaker.

LOCATION OF TOWEL RADIATOR

WARNING: To avoid risks to very young children this appliance must be installed with the lowest heated rail at least 600mm above the floor.

It is essential to mount the towel radiator with the control box on the lower right hand side.

In bathrooms, the radiators 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.

The radiator, under no circumstances, should be installed below an electric power point.

MOUNTING THE TOWEL RADIATOR

The components for fastening the Towel Radiator to a wall are supplied in a bag together with the appliance. There are four support assemblies, each consisting of the following components:

- (A) 1 plastic tube Ø31 x 51mm + screw Ø3(F)
- (B) 1 plastic tube Ø22 x 51mm with threaded inserts
- (C) 1 screw M6
- (D) 1 plastic retainer (conic 15°)
- (E) 1 plastic cap
- (F) 1 screw Ø3 x 10mm
- (G) 1 screw Ø6 x 50mm
- (H) 1 nylon stopper Ø10mm

The towel radiator is fixed to the wall by four support assemblies. Two support assemblies should be positioned between the 2nd and 3rd horizontal tubes from the top and two between the 2nd and 3rd horizontal tubes from the bottom. At each level the supports should be spaced so that they are next to the vertical tubes at each end.

STEP 1

First position the four support assemblies on the towel rail. Locate component (B) in a support position between the tubes from the back of the towel radiator and hold it in position by attaching the retaining component (D) from the front using screw (C). Repeat this in all four support positions.

STEP 2

Now lift the towel radiator onto the wall in the desired location and press against the wall, check that it is level and then mark the position of the four supports. Remove the towel radiator and then drill and plug the wall for the Ø6 (G) fixing screws.

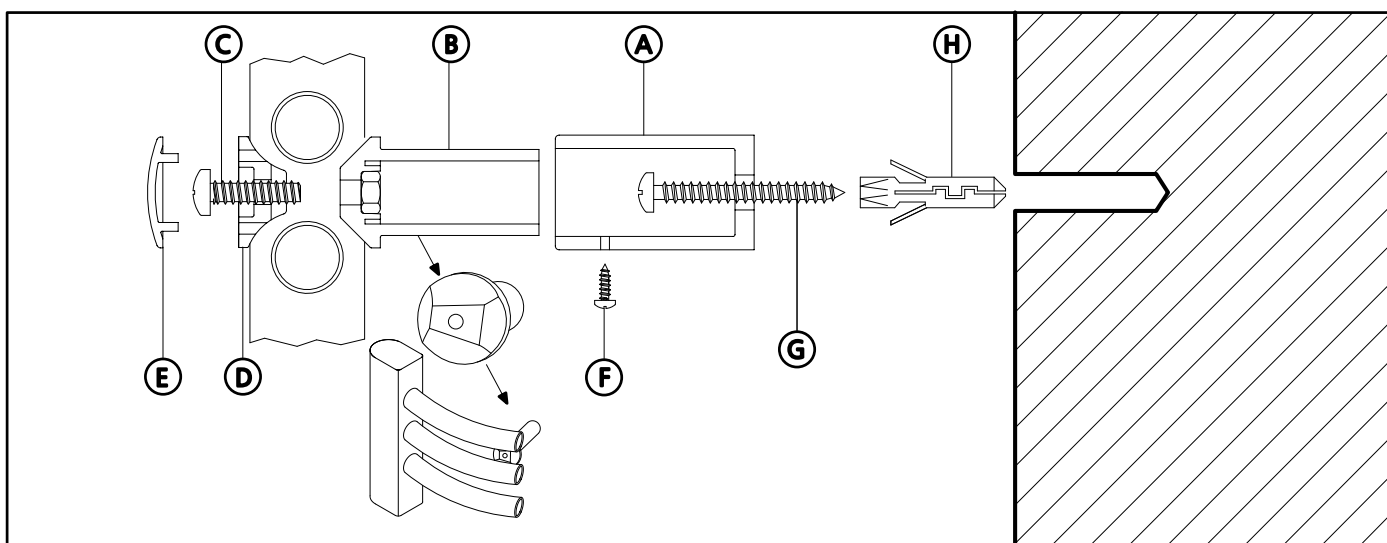
STEP 3

Screw all four components (A) to the wall. Then insert components (B) into components (A) and insert the screws (F). Do not tighten these screws at this stage.

STEP 4

Lift towel radiator onto the supports and secure it there by screwing the retaining components (D) back onto components (B) using screws (C). Now push the plastic caps (E) onto components (D)

Check that the towel radiator is in a perfectly vertical position and tighten the screws (F).



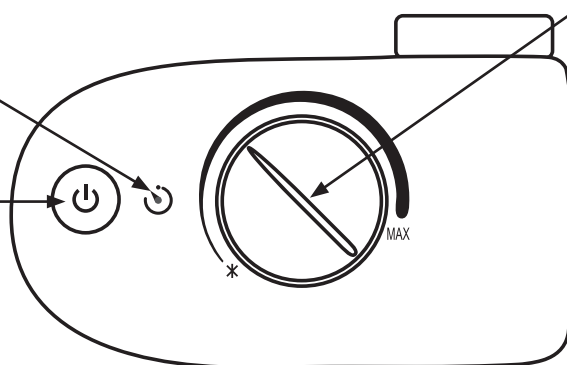
OPERATING INSTRUCTIONS

2. Red / green / amber Boost LED:

A small light indication informs the user when "Boost" and "Timer" modes are active.

1. Red / green / amber Boost LED:

A small light indication informs the user when "Boost" and "Timer" modes are active.



3. Thermostat knob with button:

For easily setting the desired "Comfort" temperature and for activating the "Boost" and "Timer" modes.

"On/Stand-by" button: Pressing the "On/Stand-by" button it is possible to switch between "Stand-by" mode and "Comfort" mode.

NOTE: When the device goes into "Stand-by" mode it beeps twice for 0.5s. When the device is activated it beeps once for 1s.

backlit button

OFF



"Stand-by" mode

RED

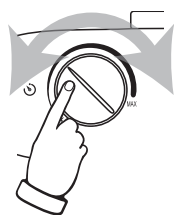


"Comfort" mode: Heating element is ON (red light).

BLUE

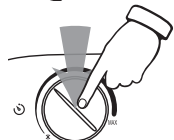


"Comfort" mode: Heating element is OFF (blue light).








Knob rotation

The rotation of the knob sets the desired room temperature. A clockwise rotation increases the set temperature value (max 32°C). An anticlockwise rotation decreases the set temperature value (min 7°C).



Knob button

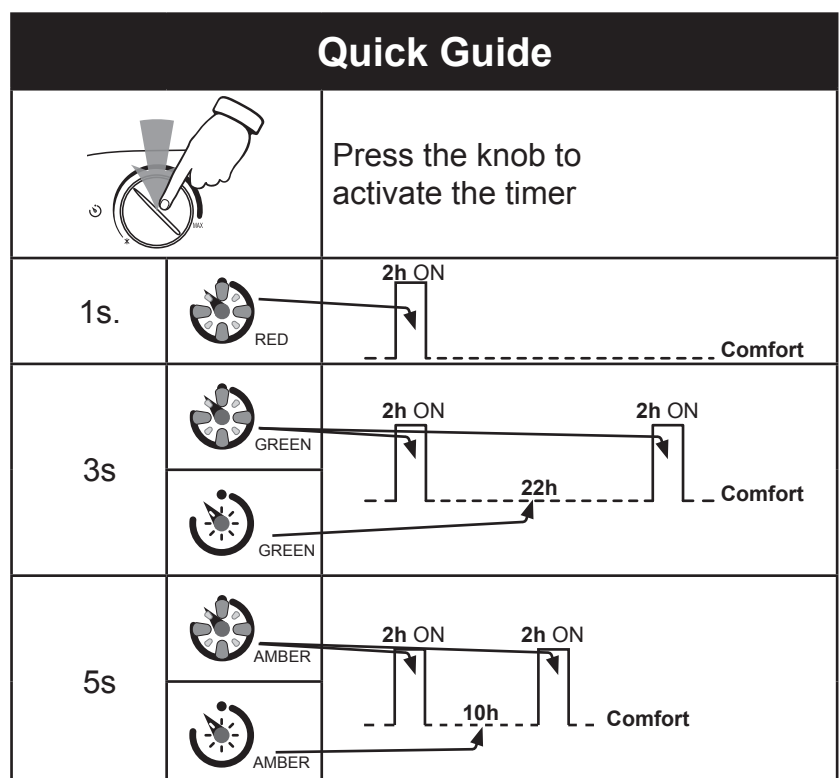
"Boost" mode (2h). Press the knob button once in order to activate this operating mode (the heating element will be activated at maximum power for 2h). To deactivate this operating mode, press again the button.

RED	 blink	"Boost" mode: "Boost" for 2h (blinking red light).
"Timer-24h" mode: Press the knob for 3 seconds to activate this function. The control system activates the heating element for 2 hours regardless of the set temperature value (the maximum reachable temperature is 32°C), after that it returns to "Comfort" mode and after 22 hours the "Boost" mode is started again for 2 hours. This sequence will repeat indefinitely. During the first cycle the duration of the "Comfort" mode is 21 hours.		
GREEN	 blink	"Timer-24h" mode: - "Boost" for 2h (blinking green light).
GREEN	 ON	"Timer-24h" mode: - "Comfort" for 22h (permanent green light).
"Timer-12h" mode: Press the knob for 5 seconds to activate this function. The control system activates the heating element for 2 hours regardless of the set temperature value (the maximum reachable temperature is 32°C), after that it returns to "Comfort" mode and after 10 hours the "Boost" mode is started again for 2 hours. This sequence will repeat indefinitely.		
AMBER	 Blink	"Timer-12h" mode: - "Boost" for 2h (blinking amber light).
AMBER	 ON	"Timer-12h" mode: - "Comfort" for 10h (permanent amber light).
Operating mode deactivation: To exit any time from the operating modes "Boost", "Timer-12h", "Timer-24h", press the knob button or the "On/Stand-by" button. NOTE. The maximum reachable temperature in "Boost" mode is 32°C.		

LED light indications

BACKLIGHTING OF THE BUTTON (1)	
State	Meaning
Lit up Red	Heating element turned on
Lit up Blue	Room temperature has been reached, heating element is switched off
Not lit	Stand-by mode is active
Blinking Red/Blue	Error message, the heating element is switched off. Please contact the supplier

BOOST LED (2)	
State	Meaning
Flashing red	Boost function active. The heating element is switched on for 2 hours (max 32°C ambient temp. is allowed)
Flashing green	Boost function active (Timer 24). The heating element is switched on for 2 hours (max 32°C ambient temp. is allowed)
Permanent green	Back to "Comfort" mode for 22h. *
Flashing amber	Boost function active (Timer 12). The heating element is switched on for 2 hours (max 32°C ambient temp. is allowed)
Permanent amber	Back to "Comfort" mode for 10h. **
* The duration of the first "Comfort" cycle is 21h. * * The duration of the first "Comfort" cycle is 9h.	



MAINTENANCE AND CARE

Ducasa radiators require very little maintenance.

The surfaces of the radiator 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 radiator, it is recommended that the electric power is switched off.

GUARANTEE

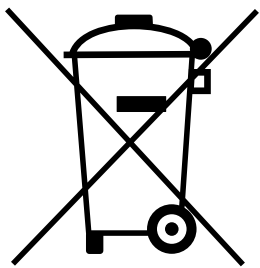
Your appliance is guaranteed for 10 years against leakage and 2 years on electrical components from the date of purchase – during this period we will repair or exchange, at our discretion, any faulty or defective parts providing the appliance has been used in accordance with the operating & installation 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 appliance 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.

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UK Distributor of Ducasa Products:

Heattend Products Ltd

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Email: enquiries@heattend.co.uk