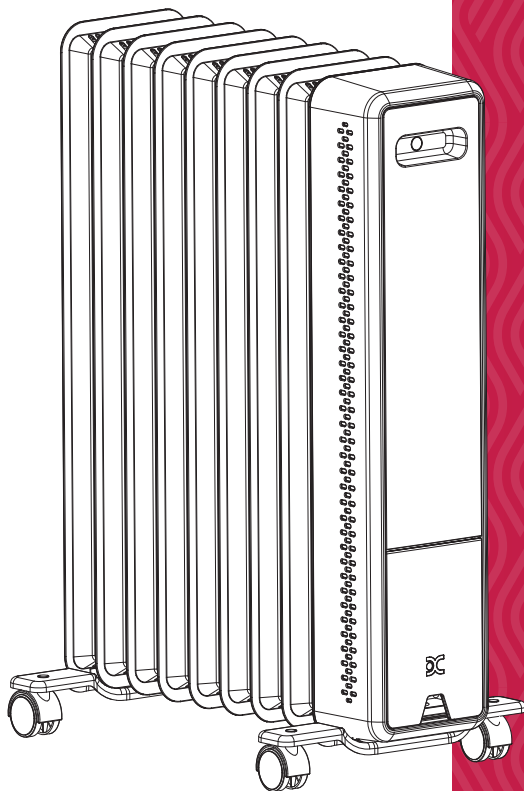




Instruction manual



EcoEdge
Oil Free Radiator

Models: ECRE2001 / ECRE2002



For domestic household use only. This product is only suitable for well insulated rooms or occasional use.



This product complies with all the required European and UK Product Safety, Electromagnetic Compatibility and Environmental Standards. They are fully compliant with the LVD, EMC, RoHS and Eco Design Directives and Regulations.

IMPORTANT SAFETY ADVICE



IMPORTANT

These instructions should be read carefully before use and retained for future reference.

Personal injury, fire, electric shock, and child safety risks

WARNING: To reduce the risk of fire, electric shock, or injury, follow all instructions.

- **WARNING:** To avoid danger of suffocation please remove all packaging materials particularly plastic and EPS and keep these away from vulnerable people, children and babies.
- **WARNING:** To avoid the risk of accidental strangulation from the supply cord all children and vulnerable people must be supervised when in the vicinity of the product whether it is working or not.
- **WARNING:** To reduce the risk of electric shock, fire, or personal injury, always switched off and disconnect the appliance from the power supply before relocating, servicing, or cleaning.
- **WARNING:** Keep the cord out of heavy traffic areas to avoid a trip hazard.
- **WARNING:** Do not use the heater in the immediate surroundings of a bath, shower, or swimming pool.
- **WARNING:** To avoid overheating, do not cover the heater. The heater carries a warning symbol to alert the user to the risk of fire if accidentally covered.



Electrical safety and intended use

- **IMPORTANT:** To reduce the risk of electric shock, the plug is intended to fit in a standard polarized 13-Amp socket outlet, only plug the appliance directly into a proper electrical outlet.
- **IMPORTANT:** If the supply cord of this appliance is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person to avoid a hazard.
- **IMPORTANT:** Use the appliances only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.

Children and vulnerable persons

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience or knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children under 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 if it has been placed or installed in its intended normal operating position, and they have been given supervision or instruction concerning the 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, or clean the appliance or perform user maintenance.
- **CAUTION:** Particular attention must be given where children and vulnerable people are present, as **SOME PARTS OF THIS PRODUCT CAN BECOME VERY HOT AND CAUSE BURNS.**

Electrical hazards and improper use

- DO NOT pull, carry, or move the appliance using the power cable.
- WARNING: Do not use this appliance connected through an extension lead, plug-in timer, or remote-control plug-in adaptor. All heating appliances draw high current and any weakness in these devices can result in overheating and fire risk.
- WARNING: To avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- DO NOT operate this appliance on the same circuit as other high-wattage devices.
- DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your guarantee. The inside of the unit contains no user serviceable parts. All servicing and product repairs should only be undertaken by the manufacturer or by their approved service agent.
- DO NOT cover cord with carpeting, throw rugs, runners, or similar coverings and DO NOT route cord under furniture or appliances.
- DO NOT immerse in water or other liquids or use near water to protect against electrical hazards.

Operational hazards and misuse

- DO NOT cover or obstruct the air inlet and outlet openings in any way.
- DO NOT use for drying textiles. This appliance is not intended for drying clothes or other fabric items.
- DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage the heater.
- DO NOT use the heater if it has been dropped or if there are visible signs of damage.
- If the heater is tipped over, unplug it and allow it to cool before standing it back up.
- **SURFACES OF THE HEATER WILL BECOME HOT DURING OPERATION. AVOID CONTACT WITH THESE AREAS.**
- The control panel area is designed to be cooler and always allow safe operation of the controls.
- DO NOT use the heater outdoors.

Safe operation and placement

- DO NOT place the heater directly below a fixed socket outlet.
- DO NOT use the heater on deep pile carpets, long-hair rugs, or less than 750mm (30") away from any overhanging surface.
- Keep combustible materials such as drapes and other furnishings clear from the front, sides, and rear of the heater (minimum distance 1 metre).
- DO NOT obstruct the air circulation around the heater, for example with curtains, overhanging bedding or furniture, as this could cause overheating and a fire risk.
- Use this heater on a horizontal and stable surface with the feet securely fitted. The feet supplied with the appliance must be used.
- DO NOT attempt to move the heater whilst it is in use.

Cord and plug handling

- The socket outlet must always be accessible to enable the mains plug to be disconnected as quickly as possible.
- Be sure to pull by the plug and not the cord when un-plugging the appliance.
- The supply cord should be uncoiled before use.
- DO NOT operate the heater with the mains lead overhanging the outlet grille.
- Ensure that the mains lead cannot be tripped over.

This instruction leaflet belongs to the appliance and must be kept in a safe place. If changing owners, the leaflet must be surrendered to the new owner.



Exposed to the weather outdoors



Near water



If the power cable wires are frayed or cut



Where small children may be left unattended



No extension leads or power boards



Where the power cable may be damaged



On a slope or uneven surface



Where there is a risk of fire or close to a naked flame



Where it may be damaged by chemicals



Where there is a risk of interference by foreign objects



This product is not made for DIY repair

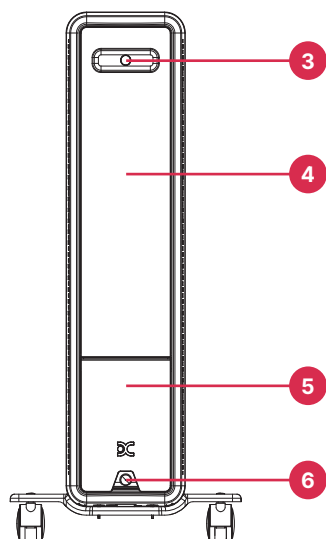
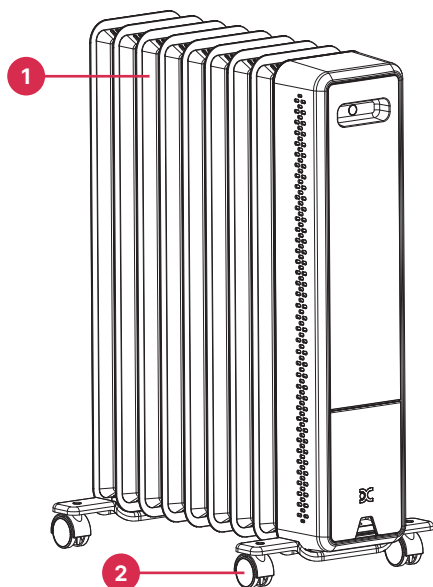


If there is a risk of water falling on the unit

SPECIFICATIONS

	ECRE2001	ECRE2002
Power supply	230-240V~, 50Hz	230-240V~, 50Hz
Rated power	1915-2090W	1915-2090W
Power settings	3	3
Thermostat	5°C - 35°C	5°C - 35°C
Timer	Yes	Yes
Weight (Net)	9.3kg	9.3kg
Weight (Gross)	10.9kg	10.9kg
Dimensions (width x depth x height)	470 × 280 × 630mm	470 × 280 × 630mm
Colour	White	Black

PRODUCT PARTS



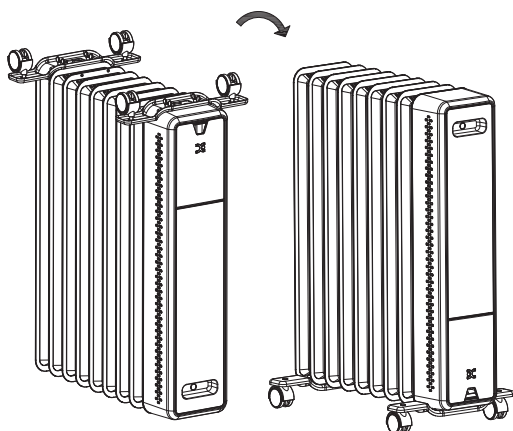
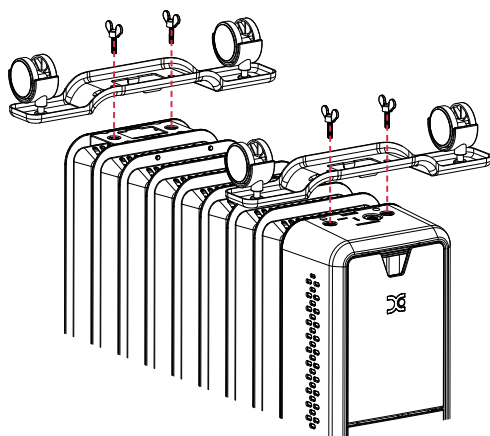
1. Nine fins
2. Wheels
3. Integrated handle
4. Control panel
5. Cord storage cover
6. Cord exit

CASTORS INSTALLATION

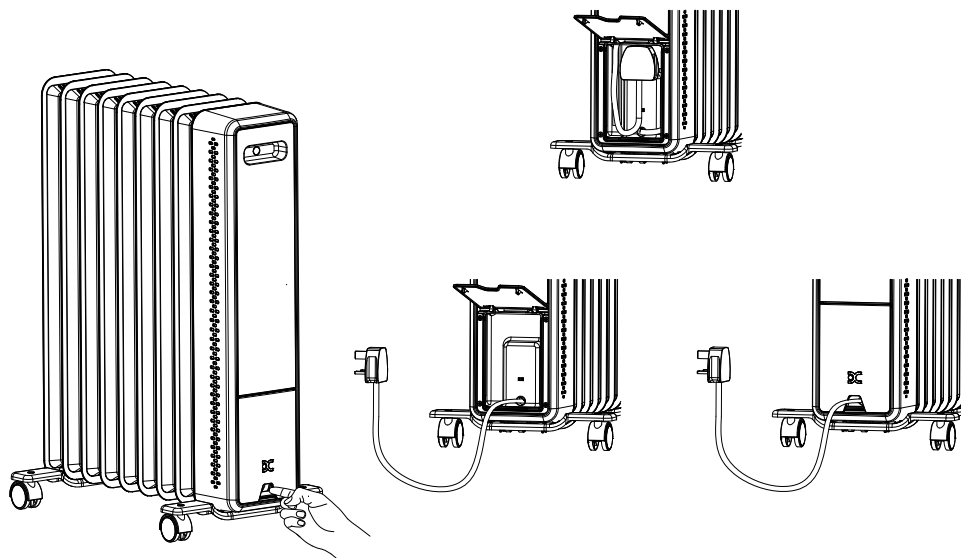
WARNING: The appliance must only be operated in an upright position and with the wheels and castors correctly fitted.

WARNING: The appliance is heavy. Support the appliance securely during assembly to prevent it from toppling. Seek assistance from a second person if required.

1. Place the appliance upside down on a carpet or other soft surface to prevent damage.
2. Position the castor plates and secure them using the wing bolts provided. Alignment guides are included to ensure correct placement and orientation.
3. Return the appliance to the upright position so it rests securely on the castors.
4. The appliance is now ready for use. Ensure it is placed on a flat, stable surface during operation.

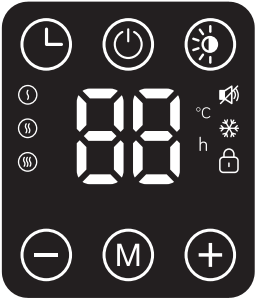


CORD STORAGE



1. The cable storage compartment is located at the bottom of the control panel.
2. To open it, pull the storage box door forward.
3. When the appliance is not in use, coil the cable neatly around the outside of the storage box and place the plug in the centre, then close the door.
4. During operation, the cable must be fully uncoiled. Position the cable toward the bottom of the storage box so the door can close.
5. The cable should exit through the bottom cut-out of the storage cover.

CONTROL PANEL



Buttons

	24 hour timer
	Power ON/OFF
	Adjust display brightness
	Temperature/timer increase
	Mode
	Temperature/timer decrease

LED indicators

	Low power
	Mid power
	Max power
	Temperature/timer display
	Temperature unit
	Sound mute
	Anti frost protection
	Child lock
	Timer unit

Display codes

	Eco mode activated
	Heating paused: Sudden temperature drop detected
	Temperature sensor error: The temperature sensor isn't working correctly
	Sensor connection issue: The temperature sensor connection is shorted or damaged

OPERATION INSTRUCTION

IMPORTANT: Portable electric heaters are designed primarily for spot heating or as a supplementary heat source. They are not intended to serve as the primary heating source during the standard heating season.

NOTE: When the appliance is operated for the first time, a slight smell or small amount of vapour may be emitted. This is normal and results from residues from the manufacturing process. The emissions will disappear after a short period of use. Ensure that the room is well-ventilated during the first use.

Turning the heater ON (I) /OFF (O)

- 1. Plug the device into the power socket.
- 2. The heater will beep and the power ☺ button will illuminate.
- 3. Press the power ☺ button to turn on the heater.
- 4. The heater will start operating at the default temperature of 25°C.
- 5. Press the power ☺ button again to enter standby mode. The LED panel will display a 20-second countdown before the heater stops and enters standby.

Adjusting the power setting

Tap the mode Ⓜ button to cycle through 3 power settings below. The power level LED indicator will illuminate when selected.

OFF (O)			
N/A	700W	1300W	2000W

Setting the temperature

Adjust the temperature by tapping the temperature buttons ⊕ or ⊖ to your desired setting, ranging from 5°C to 35°C. The selected temperature will be displayed on the LED panel.

Note: The thermostat automatically regulates the room temperature by cycling the heater on and off to maintain the preset level within ±1°C.

Eco mode

This heater includes an ECO mode designed to improve energy efficiency. Press the mode button to cycle through the power settings. When ECO mode is activated,  will be briefly appear on the control panel. The heater will initially run at maximum wattage. As the room temperature approaches the set level, the heater will automatically reduce its power to maintain that temperature. If the ambient temperature falls more than 2°C below the set temperature, the heater will increase power back to maximum until the desired temperature is reached, repeating this cycle as needed.

Anti-frost protection

This function maintains a constant ambient room temperature of approximately 5°C to prevent freezing in cold environments. It automatically activates when the room temperature falls below the set point, ensuring the space stays above freezing without excessive heat.

To activate the anti frost protection, tap the temperature decrease  button until the setting drops below 5°C. When the function is enabled, the anti-frost protection  LED will illuminate and the temperature setting will display “- -”.

Setting the timer

Tap the timer  button, then use the  or  buttons to set a duration from 1 to 24 hours. The timer LED (h) will light up, and the selected time will appear on the display. The countdown will begin, and the heater will turn off automatically when the timer reaches zero. To cancel the timer, press the timer  button again.

While the timer is active, the display will show the timer setting for 5 seconds, then switch to the temperature display for 5 seconds. The display will continue cycling between these two views at 5-second intervals until the timer ends.

Child-lock feature

This heater is equipped with a child-lock feature to prevent accidental adjustments of the heater. To activate the child-lock, press and hold the  or  buttons for 3 seconds. When the function is enabled, the child lock  LED will illuminate.

The settings will be locked and cannot be changed.

To deactivate the child-lock, press and hold the  or  buttons for 3 seconds.

Adjust the led display brightness

The heater features three adjustable display brightness levels. Press the display brightness  button to cycle through the levels in the following sequence: 100% → 50% → 25% → 50% → 100%. Each press advances to the next level.

Mute function

To mute the beep sound when settings are changed, press and hold the mode button for 3 seconds. When the function is enabled, the mute  LED will illuminate. To deactivate the mute function, press and hold the mode  button for 3 seconds again.

Memory function

This heater will retain the previous temperature and mode setting when powered off, and these will be restored when the heater is turned back on. However, if the heater is unplugged, the settings will not be saved.

Note:

- The heater will automatically turn off after 15 hours of continuous use without user interaction.
- If there is no interaction with the control panel after 15 seconds, the LED screen will automatically dim. Tap the control panel to brighten the screen again.

TIP-OVER PROTECTION

The heater is equipped with a tip-over safety switch. If the unit is accidentally tipped over, it will automatically shut off. Normal operation can be restored by returning the heater to an upright position.

OVERHEAT PROTECTION

If the product overheats (for example, if it is covered), the automatic temperature limiter will activate and switch off the heating elements. The unit will resume normal operation once it has cooled down.

If **EL** or **EH** is displayed on the control panel, discontinue use and contact customer services for further assistance.

MAINTENANCE

WARNING: Always switch off the appliance and disconnect the plug from the power supply before carrying out any cleaning or maintenance.

Do not immerse the appliance, the control panel, or the power supply in water or any other liquid. Ensure that no liquid enters the appliance.

Dust or debris inside the appliance may cause overheating. To maintain safe operation, clean the appliance regularly.

Remove light dust from the exterior surfaces using a soft, dry cloth. For occasional cleaning, wipe the outer surfaces with a cloth slightly moistened with a mild detergent solution. Ensure all parts are completely dry before reconnecting the appliance to the power supply.

When the appliance is not in use, store it in a clean, dry place away from direct sunlight.

TROUBLESHOOTING

If the product is not functioning correctly, please consult the troubleshooting guide below. If the issue persists or is not listed, kindly contact the Customer Service Centre for further assistance.

Problem	Possible cause	Solution
The heater will not switch on.	The plug may not be securely connected.	Ensure the plug is properly plugged in.
	The heater has shut off due to overheating.	Allow the machine to cool down before resuming use.
Settings cannot be modified.	Child-lock may be activated.	To deactivate the child-lock, press and hold the ⊕ or ⊖ buttons for 3 seconds.

GUARANTEE



Scan the QR code to register your product and activate your extended guarantee.



To view the full guarantee terms and conditions scan this QR code.

Your product is covered by a 1 year guarantee commencing from the date of purchase or delivery, whichever is later. This guarantee will be extended by a further 2 years provided the product is registered with Dimplex within 28 days of purchase. Where registration is not completed within this period, the guarantee will remain limited to 1 year.

This guarantee applies only to products purchased from a recognised retailer within the country of purchase and use, and is valid subject to the presentation of the original proof of purchase. Please retain your receipt to support any claim under this guarantee.

Each qualifying product must be registered individually. The extended guarantee is available in the UK and Ireland only.

CUSTOMER CARE CENTRE

If you are having problems with your appliance or have any questions about what the Dimplex Guarantee covers or how to claim under the Dimplex Guarantee, please contact us:

United Kingdom

Telephone: +44 (0) 344 879 3588

Visit: www.shopdimplex.com

Glen Dimplex Heating and Ventilation, Millbrook House, Southampton, Hampshire, England, SO30 2DF

Ireland

Telephone: +353 (0) 1 842 4833

Email: serviceireland@glendimplex.com

Visit: www.glendimplexireland.com

Glen Dimplex Ireland UC, Airport Road, Cloghran, Co. Dublin K67 DT89

RECYCLING



For electrical products sold within the European Community. At the end of the electrical product's useful life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country. If you don't intend to keep the packaging of this product for later use or storage, please dispose of it in an environmentally friendly way, please dispose of it in your recycling bin or nearest recycling facility, thank you.

ADDITIONAL INFORMATION

Table 2 for information requirements for electric local space heaters.

Heat output		ECRE2001	ECRE2002
Nominal heat output	P_{Nom}	1915-2090W	1915-2090W
Minimum heat output	P_{min}	700W	700W
Maximum continuous heat output	$P_{\text{max,c}}$	2090W	2090W

Power consumption

In off mode	P_o	N/A	N/A
In standby mode	P_{sm}	0,19W	0,19W
In idle mode	P_{idle}	0,18W	0,18W
In idle mode	P_{nsm}	N/A	N/A
Standby mode with display of information or status		No	No
Seasonal space heating energy efficiency in active mode	$\eta_{\text{S,on}}$	92%	92%

Type of heat output and room temperature control (select one)

Single stage heat output and no room temperature control	No	No
Two or more manual stages, no room temperature control	No	No
With mechanic thermostat room temperature	No	No
With electronic thermostat room temperature	Yes	Yes

Type of heat output and room temperature control (select one)	ECRE2001	ECRE2002
Electronic room temperature control plus day timer	No	No
Electronic room temperature control plus week timer	No	No

Other control options (multiple selections possible)

Room temperature control with presence detection	No	No
Room temperature control, with open window detection	Yes	Yes
Distance control option	No	No
Adaptive start control	No	No
Working time limitation	Yes	Yes
Black bulb sensor	No	No
Self-learning functionality	No	No
Control accuracy	No	No

Contact details

UK: Glen Dimplex Heating and Ventilation, Millbrook House, Southampton, Hampshire, England, SO30 2DF

ROI: Glen Dimplex Ireland UC, Airport Road, Cloghran, Co. Dublin K67 DT89



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