

## Installation and Operating Instructions

IMPORTANT: THESE INSTRUCTIONS SHOULD BE READ CAREFULLY BEFORE USE AND RETAINED FOR FUTURE REFERENCE

### IMPORTANT SAFETY ADVICE

**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.

**DO NOT** use the heater in the immediate surroundings of a bath, a shower or a swimming pool.

**DO NOT** place the heater directly below a fixed socket outlet. The socket-outlet must be accessible at all times to enable the mains plug to be disconnected as quickly as possible.

**WARNING:** In order to avoid overheating, do not cover the heater.



The heater carries a warning symbol to alert the user to the risk of fire that exists if the heater is accidentally covered.

**DO NOT** obstruct the air circulation around the radiator, for example with curtains or furniture, as this could cause overheating and a fire risk. See 'Positioning the Radiator'.

**DO NOT COVER** or obstruct the air inlet and outlet openings in any way.

**WARNING: DO NOT** use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

**IMPORTANT:** If the mains lead of this appliance is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

**WARNING:** In order 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.

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 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 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 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.

This radiator complies with stringent safety standards but to ensure efficient operation **SURFACES OF THE RADIATOR WILL BECOME HOT AND CONTACT WITH THESE AREAS SHOULD BE AVOIDED**, particularly between the fins.

The control panel area is designed to be cooler and allow safe operation of the controls at all times.

**IMPORTANT:** The feet supplied with the appliance must be used.

**DO NOT** use this heater if it has been dropped.

**DO NOT** use if there are visible signs of damage to the heater.

Use this heater on a horizontal, flat and stable surface.

**WARNING:** Servicing and product repairs should only be undertaken by the manufacturers approved service agent. Repairs should only be made by the manufacturer or his service agent.

**WARNING:** To reduce risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the appliance.

**WARNING:** Risk of fire - Do not use this appliance connected through an extension lead or any external switching device such as a plug in timer or remote control plug in adaptor. All heating appliances draw high current through the mains supply and any weakness in the design, connections or components in these devices can easily result in overheating of the connection points resulting in melting, distortion and even the risk of fire!

**DO NOT** use the heater on deep pile carpets or the long hair type of 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. Do not use heater to dry your laundry. **DO ENSURE** that the mains lead cannot be tripped over. **DO NOT** operate the radiator with the mains lead overhanging the fins. If the radiator is tipped over, unplug it and allow it to cool before standing it back up. **DO NOT** pull, carry or move the appliance using the power cable. The supply cord should be uncoiled before use. 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.

### ELECTRICAL CONNECTION

#### WARNING THIS APPLIANCE MUST BE EARTHED

DO NOT use an extension lead or multi-plug adaptor when connecting this product to the mains. Connection through these devices could lead to risk of overloading, overheating and even fire at the extension lead or adaptor due to inadequate connection quality.

This heater must be used on an AC (-) supply only and the voltage marked on the heater must correspond to the supply voltage. This heater is fitted with a plug incorporating a 10 amp fuse. When replacing the fuse, a 10 amp fuse approved by ASTA to BS 1362 must be used.

If the plug is damaged or not suitable for your socket outlets in your home, the plug must be cut off and an appropriate one fitted. A plug cut off from a mains lead will give a shock hazard if inserted into a 13 amp socket elsewhere in the house. To avoid this, it should be disposed of immediately.

**NOTE:** The fuse cover of a non-rewirable plug must be fitted when changing the fuse. Should the cover become lost, the plug must be replaced.

**IMPORTANT:** The wires in this mains lead are coloured in accordance with the following code:

<b>GREEN AND YELLOW:</b>	<b>EARTH</b>
<b>BLUE:</b>	<b>NEUTRAL</b>
<b>BROWN:</b>	<b>LIVE</b>

As the colours of the wires in the mains lead may not correspond with the coloured markings in your plug, proceed as follows:

Connect the BROWN wire to the terminal marked 'L' or coloured RED. Connect the BLUE wire to the terminal marked 'N' or coloured BLACK. Note: 'L' or 'N' must not be connected to the EARTH terminal marked 'E' or " or coloured GREEN or GREEN AND YELLOW.

If in doubt, consult your electrician.

## Assembly and Positioning

### FITTING THE CASTORS

**WARNING** The radiator must only be operated with the wheels and castors fitted and in the upright position.

The castors must be fitted to the control panel and on the bracket between the last and second last fin on the opposite end, as shown in *Fig.1*.

To fit the castors, turn the radiator upside down on a carpet or other soft surface to avoid damage

**WARNING :** THE RADIATOR IS HEAVY – ENSURE THAT IT IS SUPPORTED TO PREVENT IT FROM TOPPLING. Ask a second person to help with this if necessary.

To fit the castors, position the castor plates (A) in position and secure using the wing bolts (B). There are guides to ensure the correct positioning and orientation of the castor plate.

Return the radiator to the correct orientation so it rests on the castors. The product is now ready for use.

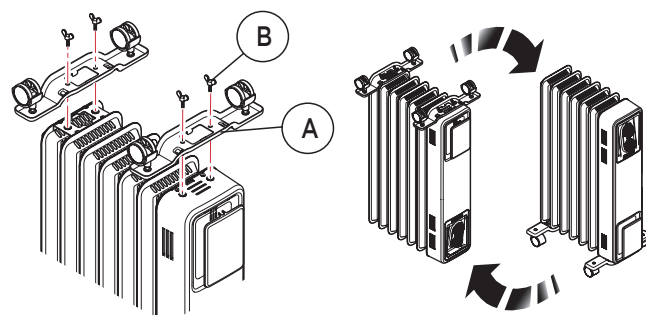


Fig.1

### POSITIONING THE HEATER

Select the position for the heater ensuring there is clearance from any furniture and fittings of at least 300mm above the heater and 150mm each side and 300mm from the control and end panel. We recommend maximising the clearance where possible.

## Models & General Information

Model	Description	Power (W)
ECR20Tie	9 fin, thermostat, three heat settings, neon & digital timer. Switch setting: O - Off, I - 600W, II - 1400W, III - 2000W.	2000

### GENERAL

The radiator is designed for operation on an AC electricity supply, and is suitable for use in domestic dwellings and similar indoor locations.

The radiator is fitted with castors and a handle for ease of movement. A rotary selector switch provides the ability to choose an available heat output and an adjustable thermostat enables the room temperature to be controlled accordingly. It is supplied with a cord and plug and is ready for use once the castors have been correctly fitted.

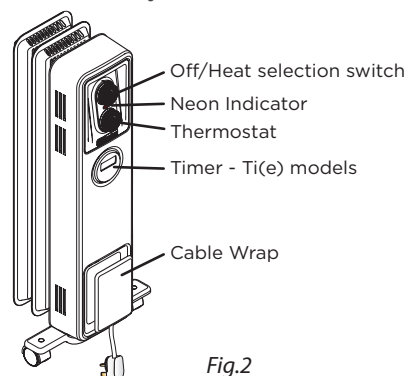


Fig.2

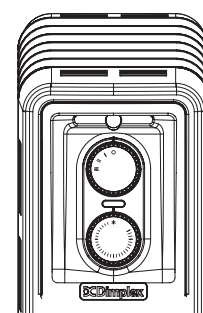


Fig.3

## Operation

**IMPORTANT - OBJECTS OR CLOTHING MUST NOT BE PLACED ON THIS HEATER.**

Before using the heater ensure that all warnings and instructions have been read carefully.

To activate the heater simply plug it in. Neon indicating lights located at the controls area will illuminate when the appliance is plugged into the mains. This indicates the appliance is energised and ready for use.

**Please note** – The element has been coated with a protective film

which will burn off during the first few minutes of use, this 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.

### Thermostat

The Thermostat, see Fig.3 controls the heat output according to the room temperature. This ensures that the heater will not produce heat unnecessarily when the room is warm. To set the temperature you require, turn the thermostat knob clockwise until the required setting is reached. Alternatively to heat a cold room quickly, turn the thermostat knob up fully. When the room has reached the desired temperature, turn the thermostat knob anti-clockwise until the thermostat just clicks off. The heater will now automatically operate at this temperature. The thermostat also has a frost protection setting marked ❄️. This setting is useful in areas such as garages, to prevent frost damage. If the thermostat is set to its minimum setting ❄️, the heater will cycle on and off to maintain a temperature of approximately 5° to help protect against frost.

Note - Should the heater fail to come on when the thermostat is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

### Heat Selector Switches (see Fig.3)

Heat selection is provided via a rotary switch offering four settings. The heat output can be altered to suit the application, conditions and for improve the economy of operation.

Available output options are as follows: O - Off, I - 600W, II - 1400W, III - 2000W.

## Timer Models

### DIGITAL TIMER (Tie models)

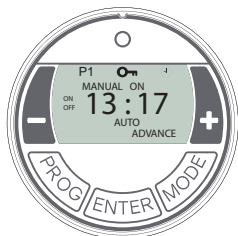


Fig. 4

**IMPORTANT:** Remember to observe all safety warnings when operating the heater on auto setting, either attended or unattended.

The timer allows you to select 'AUTO' or 'MAN ON' by pressing the 'MODE' button until the required MODE appears at the bottom of the timer display.

'AUTO' MODE allows the heater to switch ON and OFF according to a set 24 Hour program period (see 'Setting Programs' section below).

'MAN ON' MODE allows power to the heater uninterrupted by the program settings.

#### Key Lock

If 'ENTER' and 'MODE' are pressed within 1 second, the keys will be locked. The user will know the keys are locked as the lock symbol 🔒 will be displayed on the top left hand corner of the screen. To unlock the keypad, press 'ENTER' and then 'MODE' within 1 second.

#### Initial Operation

For initial use, plug the heater into a regular household power point and turn the power on. The timer is now ready to be set up for use.

#### Setting Current Time

1. Hold the 'PROGRAM' button until the clock symbol ⌚ appears on the screen. The user can now set the clock.
2. The hour digit will flash. To adjust the hour use the '-' & '+' buttons. Confirm the hour digit by pressing 'ENTER'.

3. Once 'ENTER' has been pressed the minutes will flash.

To adjust the minutes use the '-' & '+' buttons. Confirm the minute digit by pressing 'ENTER'.

4. The timer now returns to the default display.

5. To reset incorrect time, repeat previous steps.

Once the correct time is set, a total of four ON/OFF time programs can be set for operation.

#### Setting Programmes

Press the 'PROGRAM' key to set the programs.

You are now setting the programs starting with P1 'ON'.

##### SETTING P1 ON TIME

1. To set the hour use the '-' & '+' buttons. Confirm the hour digit by pressing 'ENTER'.

2. To set the minutes use the '-' & '+' buttons. Confirm the minute digit by pressing 'ENTER'.

Note: The minutes can only be set in 10 minute blocks in programme 'MODE'.

##### SETTING P1 OFF TIME

3. To set the hour use the '-' & '+' buttons. Confirm the hour digit by pressing 'ENTER'.

4. To set the minutes use the '-' & '+' buttons. Confirm the minute digit by pressing 'ENTER'.

Repeat steps 1 to 4 to programme P2, P3 & P4. After programming P4 'OFF' you automatically exit to the default display.

At any time while programming the timer you can press the 'PROGRAM' button to exit to the default display.

Note: If the 'ON' time is the same as the 'OFF' time the appliance will ignore the program.

#### The Advance Function

When in 'AUTO' MODE, if the '+' button is pressed for longer than 2 seconds the programme will ADVANCE to the next setting programmed and will only revert back to the program when the subsequent programme time is reached. When the 'ADVANCE' function is running the 'ADVANCE' segment will be displayed on the LCD screen. If the '-' button is pressed when the 'ADVANCE' programme is running the 'ADVANCE' feature will be automatically cancelled and the programme will run as normal.

**Note - Timer Memory Back Up Batteries** - Once the heater has been left plugged in with the socket switched on for at least 72 hours the timer's memory back up batteries will be fully charged.

72 hours the timer's memory back up batteries will be fully charged.

Once the timer batteries are fully charged, if there is a power cut or if the heater is disconnected from the mains for less than six months, then the timer will continue to keep time & the settings in the memory will remain intact. If however the timer back up batteries have not been charged fully, or if the heater is deprived of power for longer than six months, then the time and the programme settings are likely to be lost and you may therefore need to reset the time and the programme before using the AUTO MODE again.

## Safety Features

This appliance incorporates a number of safety devices. In addition to the 'Important Safety Advice' section your attention is drawn to the following:

#### Tilt Switch

The tilt switch will prevent the heater from working if it is accidentally tipped over on its side.

If the radiator is tipped over while it is hot, disconnect the power and allow it to cool, then stand the radiator back upright. Reconnect the power - normal operation should be resumed.

#### Safety Overheat Protection

The heater is fitted with a temperature limiter which will reduce the output of the heater should it overheat for any reason. The product will return to normal operation after the cause of the over heating has been rectified.

## Additional

### Storage

If the radiator is not required for long periods, for example during the summer, it should be stored in a dry place and preferably covered to prevent the accumulation of dirt and dust. The supply cord should be neatly coiled around the cable wrap, see *Fig. 2*

### IMPORTANT

The heater must be kept plugged in at the mains to retain the time and the programmed settings. If unplugged from the mains, resetting the time and the programmed settings will be necessary.

### Cleaning

**WARNING - ALWAYS DISCONNECT THE POWER SUPPLY BEFORE CLEANING THE HEATER.**

Do not use detergents, abrasive cleaning powder or polish of any kind on the body of the heater.

Allow the heater to cool, then wipe with a dry cloth to remove dust and a damp cloth (not wet) to clean off stains. Be careful not to allow moisture in to the heater.

<i>Model Identifier(s):</i>		<i>ECR20Tie</i>	
<i>Heat output</i>			
Nominal heat output	Pnom	2.0	kW
Minimum heat output (indicative)	Pmin	0.6	kW
Maximum continuous heat output	Pmax,c	2.0	kW
<i>Auxiliary electricity Consumption</i>			
At nominal heat output	elmax	0.0	kW
At minimum heat output	elmin	0.0	kW
In standby mode	elSB	0.0	kW
<i>Type of heat output/ room temperature control</i>			
With mechanical thermostat room temperature control			Yes
<i>Contact details:</i>			
UK: Glen Dimplex UK Ltd., Millbrook House, Grange Drive, Hedge End, Southampton SO30 2DF			
ROI: Glen Dimplex Europe Limited, Airport Road, Cloghran, County Dublin, K67 VE08			

### Spares

The castor set (2 pairs) for OCR20TiB/ECR20TiB- part number X-6019010

## Guarantee



To view the full guarantee terms and conditions scan this QR code using your smartphone or go to <https://www.gdhv.co.uk/guarantee-terms-and-conditions>.

Your Product is manufactured by Glen Dimplex UK operating as Glen Dimplex Heating & Ventilation. GDHV designs and manufactures products to ensure they deliver reliable service for normal use in domestic dwellings and, where specified by us, in light commercial premises.

Your product is under guarantee for 1 year from the date of purchase or the date of delivery of the product, if later. The 1 year guarantee is extended for an additional 2 years when you register the product with Dimplex, within 28 days of purchase. If you do not register the product with Dimplex within 28 days, your product will remain guaranteed for 1 year only. To validate your extended guarantee register with us online at: <https://www.dimplex.co.uk/register>.

Your guarantee is provided by Glen Dimplex UK Ltd operating as Glen Dimplex Heating & Ventilation Ltd, Millbrook House, Grange Drive, Southampton SO30 2DF. Terms and conditions apply.

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Please note for support you will need the model and serial number of your product and a description of the fault which has occurred.



Important: For electrical products sold within the European Community. At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with a Local Authority or retailer for recycling advice in your country. Batteries should be disposed of or recycled in accordance with WEEE Directive 2012/19/EU. Packaging should be recycled where possible. If you don't intend to keep the packaging of this product for later use or storage, please dispose of it in an eco-friendly way, please dispose of it in your recycling bin or nearest recycling facility, thank you.

[www.dimplex.co.uk](http://www.dimplex.co.uk)

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These products comply with all the required European Product Safety, Electromagnetic Compatibility and Environmental Standards. They are fully compliant with the LVD, EMC, RoHS and Eco Design Directives.

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