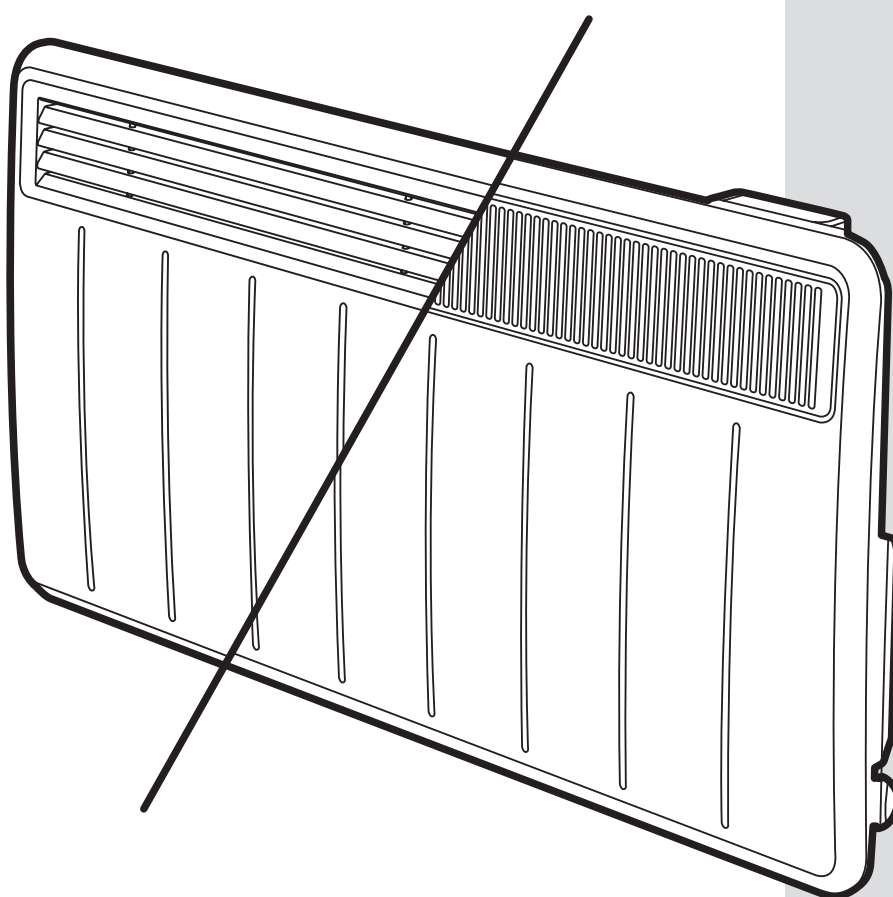




A world of expertise

# INSTRUCTION MANUAL

Installation and Operating



## Dimplex PLXE

Models: PLX050E / PLX075E / PLX100E / PLX125E  
PLX150E / PLX200E / PLXC300E

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\*Note: PLXC300E features a slotted grille

These instructions should be read carefully and retained for future use. Note also the information presented on the appliance.



## **IMPORTANT**

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE. **Note also the information presented on the appliance**

**CAUTION: FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR DAMAGE AND MAY INVALIDATE YOUR GUARANTEE**

### **IMPORTANT SAFETY ADVICE**

When using electrical heaters, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

**IMPORTANT** – The wall bracket supplied with the heater must be used.

**IMPORTANT** – All packaging should be disposed of in an appropriate manner.

### **OVERHEATING WARNING**

**WARNING** - In order to avoid overheating, do not cover or obstruct the heater. Do not place material or garments on the heater, or obstruct the air circulation around the heater, for instance by curtains or furniture, as this could cause overheating and a fire risk. NEVER cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.

**WARNING - THE SURFACES ON THIS HEATER CAN BE HOT. The heater carries a warning 'DO NOT COVER' to alert the user to the risk of fire that exists if the heater is accidentally covered.**

**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.**

For your safety this heater is fitted with a thermal cut-out. In the event that the product overheats for some reason, the cut-out prevents excessive temperatures on the product by cutting the power to the heater. Once the heater has cooled down, it will reset automatically, it will continue to cycle on and off automatically until the reason for overheating is removed. The display screen may flash red to indicate the product has overheated. To reset the display, remove the obstruction and hold Enter for 10 seconds.

### **SUITABLE APPLICATIONS**

**WARNING** - This heater is suitable for normal domestic household purposes and should not be used in any other type of environment. This product should only be used in the country where it was purchased from by a recognised commercial retailer. **Do not use outdoors. Do not install if the product is damaged.**

### **SERVICING AND REPAIRS**

**WARNING** - Servicing and product repairs should only be undertaken by the manufacturers approved service agent or a similarly trained or qualified person, using only exact manufacturer approved spare parts.

**PLEASE NOTE:** Household dust, lit cigarettes, candles and oil burners, combined with the convection effect of electric heaters can cause significant soot deposits to build up on the surface directly above and to the sides of the heater. This is not a fault of the heater. Extensive burning of candles or smoking in the operating environment of this product can produce heavy discolouration within a few months of use.

### **OPERATING WARNINGS**

**IMPORTANT:** Remember to observe all safety warnings and precautions when operating the heater on the automatic or timer modes, either attended or unattended since a fire risk exists when the heater is accidentally covered or displaced.

**CAUTION:** Do not use if the heater's mains power lead is damaged. If the supply cord is damaged it must be replaced by the installer or an approved Dimplex service partner.

## ELECTRICAL INSTALLATION

**WARNING** - The electrical installation of this heater must be carried out by a suitably qualified or trained electrician, and be in strict accordance with the current wiring Regulations BS 7671. The supply must be connected via a switched fused spur with a fuse rated suitably for the appliances flex. Failure to follow these instructions will mean that the manufacturer's instructions have not been adhered to. **THERE ARE NO EXCEPTIONS.**

WARNING - Minimum clearances and IP zone requirements must be adhered to in accordance with the current wiring regulations.

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

**GREEN AND YELLOW: EARTH**

**BLUE: NEUTRAL**

**BROWN: LIVE**

- This heater must be earthed
- Not suitable for connection via a plug top
- Do not locate the heater immediately below a fixed electrical point i.e. socket outlet.

The heater is fitted with a length of flexible cable type H05VV-F size 3 x 1.0mm<sup>2</sup> for 500W to 2kW and 3 x 1.5mm<sup>2</sup> on 3.0kW models for connection to the fixed wiring of the premises through a suitable connection box positioned adjacent to the heater. A means for disconnection must be incorporated in the fixed wiring of the premises in accordance with the current wiring regulations. The supply circuit to the heater must incorporate a double pole isolating switch having a contact separation of at least 3mm. Products that are supplied without a plug are for installation into the fixed wiring of the property, via a suitable double pole switched fused spur with a fuse rated suitably for the appliances flex. Typical fuse ratings for 230V equipment - Up to 700W = 3A, over 700W = 13A.

In installation the supply cord may be cut to the appropriate length for the electrical connection point. Excess cable should not be inserted and stored behind the heater.

**WARNING:** This heater must not be connected to the electricity supply via an external switching device (such as a timer) or a circuit that is regularly switched on and off by the utility supplier. Failure to follow this warning could result in the heater's thermal cut-off being inadvertently reset and could create a fire hazard. Cables/flexes that are supplied pre-fitted to the product must NOT be extended.

## CHILD SAFETY

**WARNING** - This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.

This appliance can be used by children from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance. 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 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 regulate and clean the appliance or perform user maintenance. This product contains a replaceable battery.

**WARNING - KEEP BATTERIES OUT OF REACH OF CHILDREN.**

**WARNING** - Packaging should be disposed off responsibly as the EPS used could be a potential choking hazard for children.

## Energy Related Product Directive

This product complies with Lot20 of the Energy Efficiency Directive (2015/1188).

### Type of heat output/ room temperature control

With electronic room temperature control	Yes
Electronic room temperature control plus week timer	Yes
With open window detection	Yes
With adaptive start control	Yes

## Technical Details

Model Identifier(s):		PLX 050E	PLX 075E	PLX 100E	PLX 125E	PLX 150E	PLX 200E	PLX C300E
Nominal heat output	P <sub>nom</sub>	0.5 kW	0.75 kW	1 kW	1.25 kW	1.5 kW	2 kW	3 kW
Height (mm)		430	430	430	430	430	430	430
Width (mm)		450	620	620	690	690	860	860
Depth (mm)		108	108	108	108	108	108	143
Minimum heat output (indicative)	P <sub>min</sub>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Maximum continuous heat output	P <sub>max,c</sub>	0.5	0.75	1	1.25	1.5	2	3
Auxiliary electricity Consumption								
At nominal heat output	e <sub>lmax</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
At minimum heat output	e <sub>lmin</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
In standby mode	e <sub>lSB</sub>	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
With open window detection		Yes						
With adaptive start control		Yes						

All Models	
Controls	<p>Digitally controlled, Electronic Thermostat accurate to (<math>\pm 0.2^{\circ}\text{C}</math>)</p> <p>Timer modes: 7 Day Programmable User Timer, Out All Day, Home All Day, Holiday</p> <p>Continuous heat modes: Eco, Manual, Frost Protect, Setback, Runback, Off</p>
Controller UI	<ul style="list-style-type: none"> <li>•Open window detection, Adaptive-start</li> <li>•Advance time period</li> <li>•Adjustable max setpoint range (<math>7\text{-}32^{\circ}\text{C}</math>)</li> <li>•Bluetooth for software updates</li> <li>•Child Lock &amp; Landlord Lock (PIN-based)</li> </ul>
Construction	<ul style="list-style-type: none"> <li>•Durable epoxy-polyester powder coated steel casing with louvered forward facing grille</li> <li>•Advanced controls with capacitive sense technology for total flexibility of heating</li> </ul> <p>*Note: PLXC300E features a slotted grille</p>
Colour/ Finish	Metal Chassis, Air Outlet Grille & Control Moulding - Traffic White (RAL 9016)
Element	Compact, finned, mineral filled sheathed element
Installation	<ul style="list-style-type: none"> <li>•H-frame wall bracket</li> </ul>
Safety	<ul style="list-style-type: none"> <li>•Thermal cut-out. Auto reset type</li> <li>•Overheat detection</li> <li>•Advance time period</li> </ul>
IP Rating	IP24
Battery	3.3V coin cell battery to backup real time clock. Battery life >5 years.
Supply	1.3 metres fitted, 3 core for fused spur installation, 1/N/PE ~230-240 V, 50Hz Class I, with earth wire
Approvals	CE, BEAB
Warranty	2 years
Country of Origin	United Kingdom
Manufacturer	Glen Dimplex Heating & Ventilation (GDC Group Ltd.)

## General Information

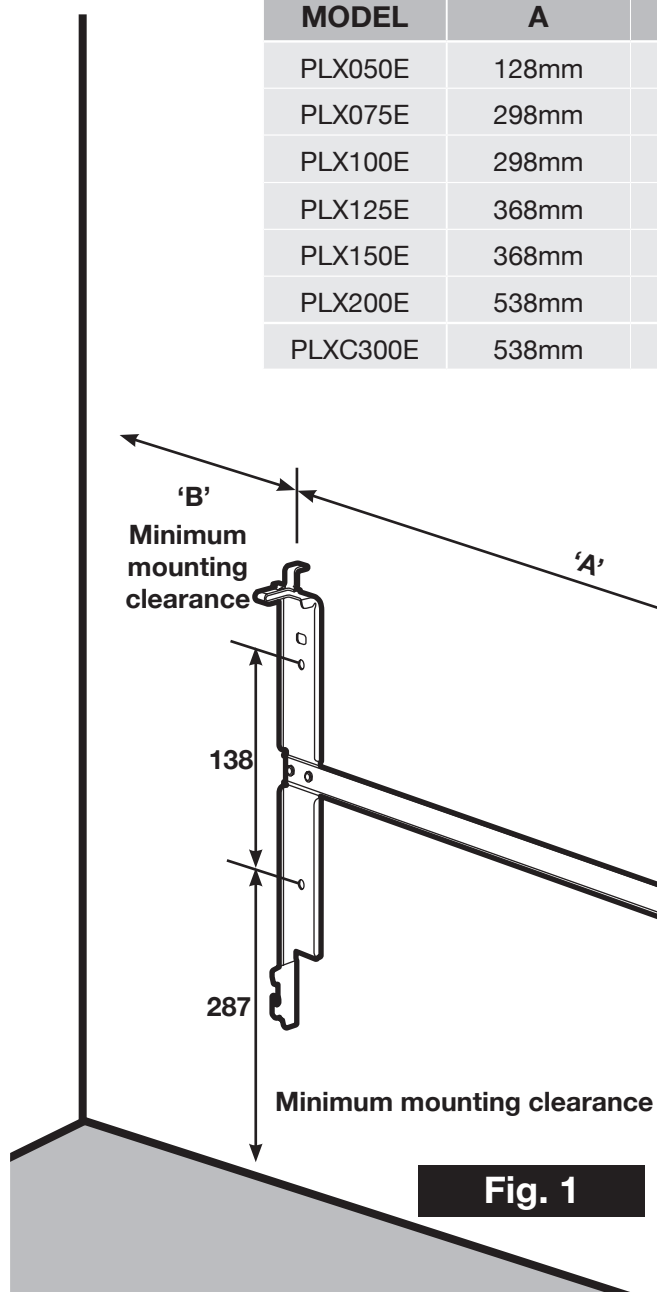
Please read the instructions closely before first using the product, there is also a quick-start guide on the page 6 if you need a reminder of how to use the basic functions in the future.

The heater is designed for wall mounting using the wall bracket supplied. It should only be operated when in the upright position as shown - see **Fig.3** and **Fig.4**. All models are splash proof to IP24. Before connecting the heater check that the supply voltage is the same as that stated on the heater.

## Wall Mounting Instructions

**IMPORTANT** - The wall bracket supplied with the heater must be used and the heater must be installed in the correct orientation. The fixings should be used to secure the bracket to the particular wall on which the heater will be installed. The heater should be positioned observing the minimum clearances stated around the heater - see **Fig. 1**, **Fig. 3** and **Fig. 4**.

MODEL	A	B	C	D	E
PLX050E	128mm	263mm	450mm	430mm	108mm
PLX075E	298mm	263mm	620mm	430mm	108mm
PLX100E	298mm	263mm	620mm	430mm	108mm
PLX125E	368mm	263mm	690mm	430mm	108mm
PLX150E	368mm	263mm	690mm	430mm	108mm
PLX200E	538mm	263mm	860mm	430mm	108mm
PLXC300E	538mm	263mm	860mm	430mm	143mm

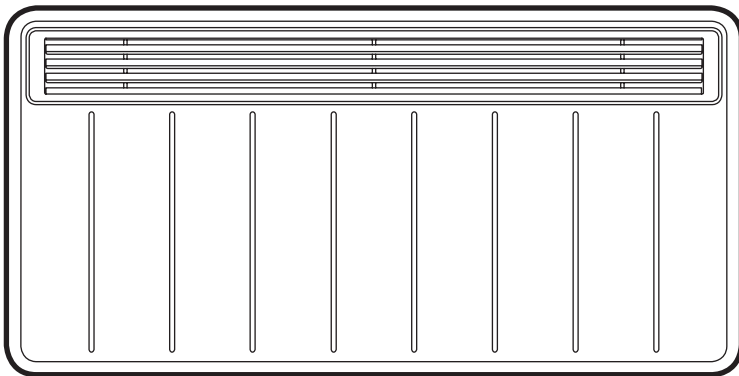


### WARNING:

The wall bracket should be handled with care as it may have sharp edges that may cause cuts and lacerations.

### To mount the heater to the wall:

1. Remove wall mounting bracket from the back of the heater by depressing the spring latch at the side of each bracket - see **Fig.2**.
2. Fix the wall bracket securely to the wall through the four screw holes. Ensure only screw fittings provided are used for the particular wall type.
3. Present the heater to the wall bracket and engage bottom slots in the back with bracket hooks.
4. Press heater into locked position and ensure the clips on the top are engaged.
5. Remove protective film from user interface.

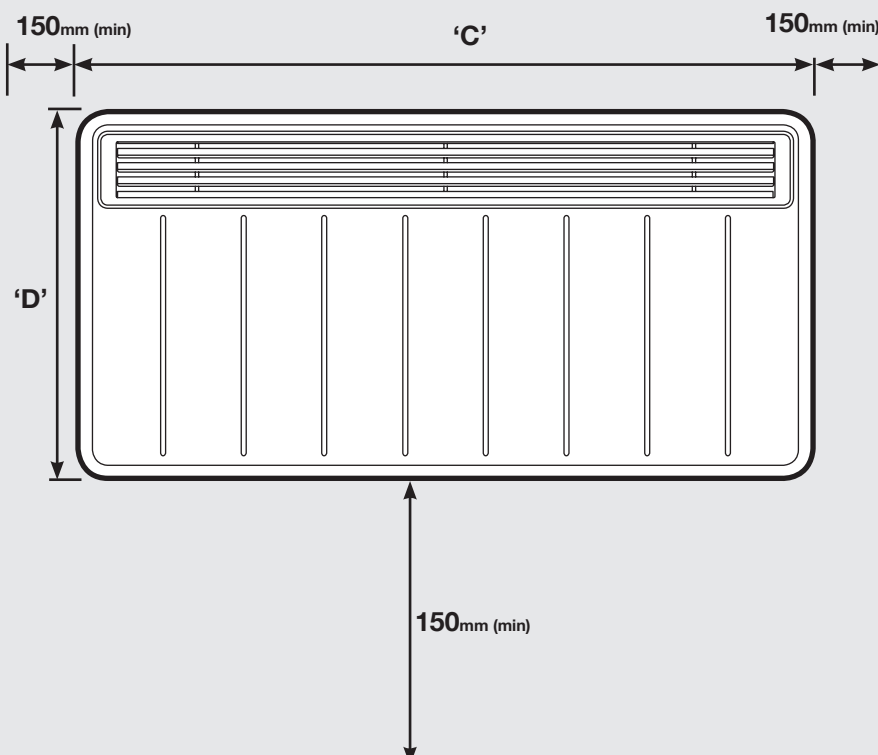


#### **WARNING:**

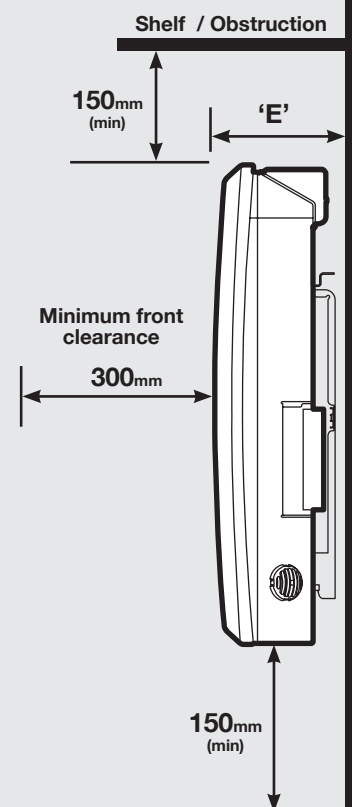
This product is heavy and care should be taken in installation

**Fig. 3**

#### Minimum mounting clearance



**Fig. 4**



\*Please note correct product orientation is with controller facing top right side only

## Quick Start Guide

This guide is for quick reference only.

Please refer to the operating section on Page 10 for further information.

### How Does the Heater Control Work?

The controller allows you to choose when you want heat and at what temperature.

When using a timer mode (see below), **Comfort On** will display on the home screen to tell you when the heater is maintaining the temperature displayed. **Comfort Off** will display when the heater is outside of a timed heating period. When **Manual**, **Eco** or **Frost** modes are being used the heater will always maintain the temperature shown on the home screen.

### Set the Time

To set the date and time on the heater, press **Menu**, then press **Enter** with **Time / Date** highlighted. Press  $\wedge$  or  $\vee$  until the correct value is shown, then press **Enter** to confirm and move on to the next value. Repeat until all details are correct, and **Set** displays, then press **Back**.

The time is automatically adjusted in spring and autumn between **Greenwich Mean Time (GMT)** and **British Summer Time (BST)**.

### Set the Temperature

The temperature shown on the display is the room temperature set point (target room temperature). This is the temperature that the heater will maintain during the heating periods. If the room temperature is above this temperature then the heater will not operate. The heater leaves the factory with this temperature set at 21°C which represents a typical, comfortable room temperature. If you require a different room temperature then press either  $\wedge$  or  $\vee$  until the display shows the temperature you require.

### Timer Modes

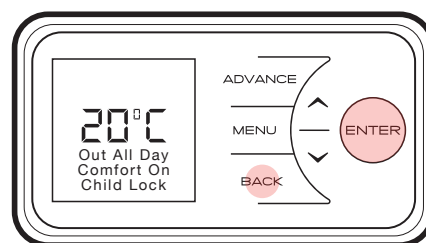
Your Dimplex PLXE Panel comes pre-programmed with four timer modes. These modes define the periods when the heater will operate in **Comfort On** mode.

The four modes are shown in **Fig.5**

Timer Mode	Description	Fig. 5
User timer	Customise times in four periods	
Out All Day	6 hours heating per day in two periods	
Home All Day	13 hours heating per day in one period	
Holiday	Set the temperature and number of days for which you are on holiday	

### Child Lock

If you need to lock the controls so that the settings cannot be changed then activate the **Child Lock**. To lock the controls press and hold both the **Back** button and **Enter** for three seconds. **Child Lock** will appear at the bottom of the screen. To unlock the control repeat the action by pressing both the **Back** button and **Enter** for three seconds.





## Which Timer Mode is Best for Me?

The heater leaves the factory set in **Out All Day mode**. If you are out during the day and only require heat in the mornings and evenings then this mode will suit your lifestyle and you won't need to alter anything. If you are in during the day then you should select the **Home All Day mode** which is a single heating period. The **User Timer mode** will give you four periods of heating split throughout the day. If you are away for an extended period of time then you can use the **Holiday mode**. This allows you to reduce the heating during the period that you are away, reverting to the previously selected mode on the day you return.

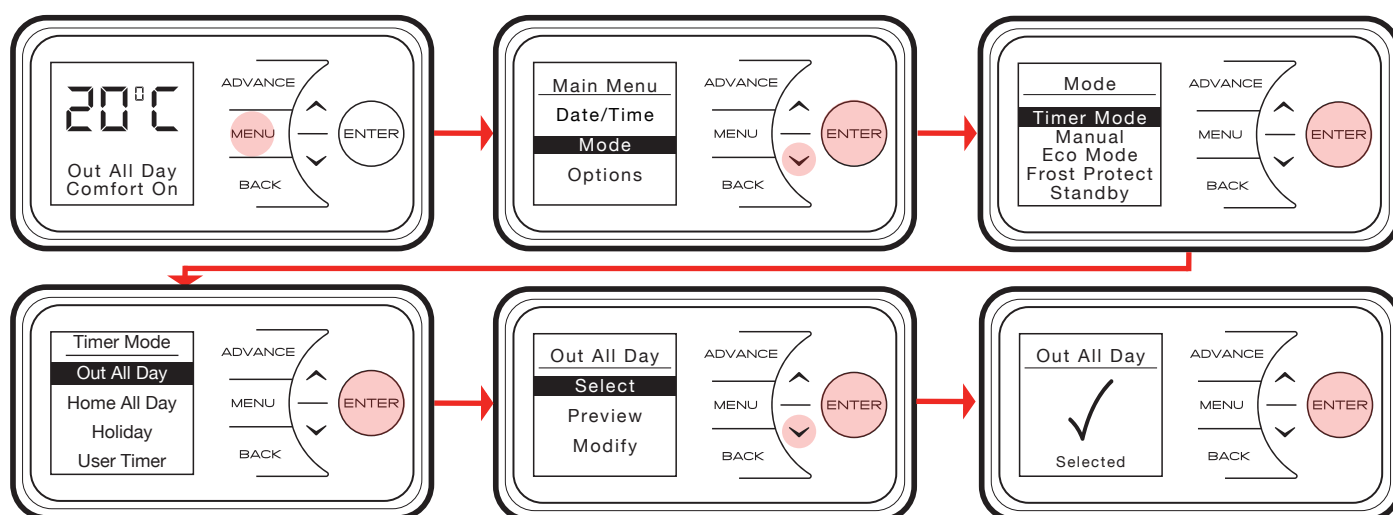
To choose a timer mode press **Menu** followed by **Enter** to select **Timer Mode**. Select the mode required by pressing **▲** or **▼** and then **Enter**. For options **Out All Day**, **Home All Day** and **User Timer**, three choices are available **Select**, **Preview** and **Modify**.

**Select** - Choose this timer option

**Preview** - View the times currently set

**Modify** - Change the times currently set

*Please refer to the operating section of this manual for information on how to modify the programmed times*



### Advance

Sometimes you may be at home when you had not planned to be, or need to leave when you had planned to have the heating on. You can change the way you use your heating temporarily, this temporary change is achieved by using the **Advance** function.

When a timer has been selected, the **Advance** function allows you to begin the next period early. If the heater is in a **Comfort Off** period and you want heat - press the **Advance** button. If the heater is in **Comfort On** and you don't want heat, press the **Advance** button and it will go off until the beginning of the next **Comfort On** period.

### Advance Boost

The **Advance** button is also used to enter the boost mode which provides temporary heating for one, two, three or four hours. Press the **Advance** button twice to begin a one hour boost. Continue pressing the **Advance** button to enter the longer boost periods.



**NOTE:**

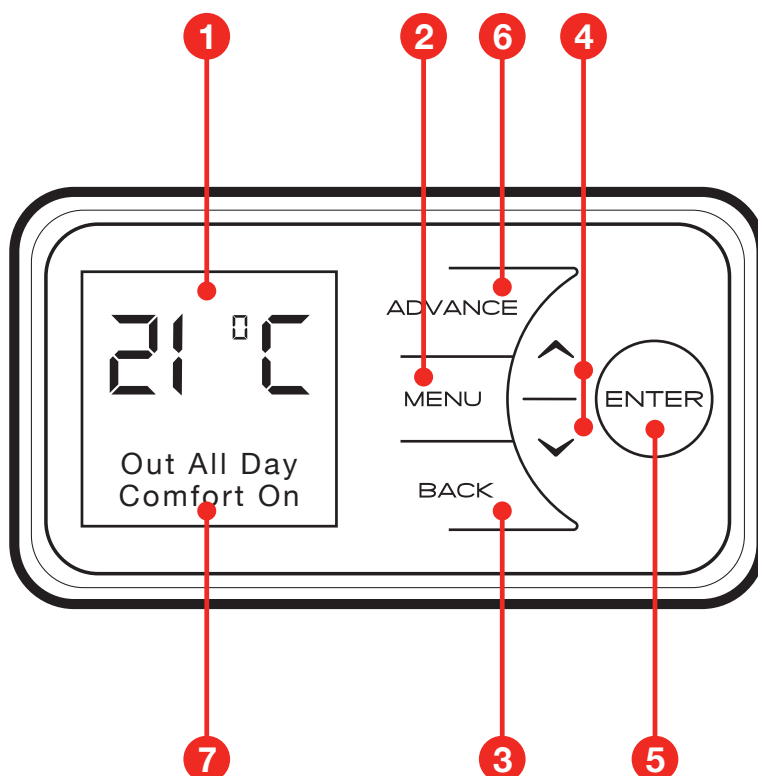
*This only works when not in timer mode*

# Operation Manual

**WARNING: FAILURE TO FOLLOW THESE OPERATING INSTRUCTIONS MAY RESULT IN INJURY AND/OR DAMAGE.**

The controls are located on top of the heater. The heater is fitted with an adjustable electronic controller consisting of a display screen and six touch sensitive buttons.

- 1 Display Screen
- 2 'Menu' Button
- 3 'Back' Button
- 4 'Up and Down' Arrows
- 5 'Enter' Button
- 6 'Advance' Button
- 7 Heating Status



The heater is fitted with an adjustable thermostat enabling the room temperature to be controlled. The minimum room temperature is 7°C. The maximum temperature is set to 26°C by default however this can be increased to 32°C if required. A temperature of 21°C represents a normal room temperature.



**NOTE:**

Your heater may produce some noise during operation. This noise is caused by the expansion and contraction of the element as it changes temperature, and is normal for this type of product. Whilst the noise produced is usually very quiet, certain environmental factors can make it more noticeable, such as hard flooring or minimal furnishings. If you believe that the expansion noise is excessive, please contact us.



**NOTE:**

Should the heater fail to operate, this may be due to the room temperature being higher than the thermostat setting.

## Control Functions

The heater controls can be easily adjusted by using the six buttons on the User Interface.

- 1 **The Display Screen** shows the options available at each stage of adjustment.
- 2 **Menu** - displays the main options list:
  - **Date/Time** - Set the date and time.
  - **Mode** - Set the mode of operation.
  - **Options** - Temperature units, daylight savings time, lock settings and service information.
- 3 **Back** returns to the previous programming stage.
- 4 The **^** and **v** buttons are used to navigate through the menus and alter setting values. The **^** and **v** buttons are also used to adjust the required room temperature on the main screen. The screen colour changes based on the temperature selected, showing deep blue through to bright red.
- 5 **Enter** is used within the menu options to confirm **settings**. On the main screen pressing **Enter** will display the enabled features.

The timed periods during which the heater is providing heat are defined as '**Comfort On**' (this is displayed at the bottom of the screen).

Outside of heating periods the heater will not deliver heat and these periods are called '**Comfort Off**'.

While constant heat modes are active, the mode of operation is displayed at the bottom of the screen e.g. '**Manual**'.

- 6 The **Advance** button overrides the heating settings and changes the operational state of the heater. If a timer mode is selected, pressing **Advance** will cause the heater to remain on until the next **Comfort Off** period is due, or off until the next **Comfort On** period is due.

If the heater is in a constant mode of operation, **Advance** can be used to switch the appliance on and off.

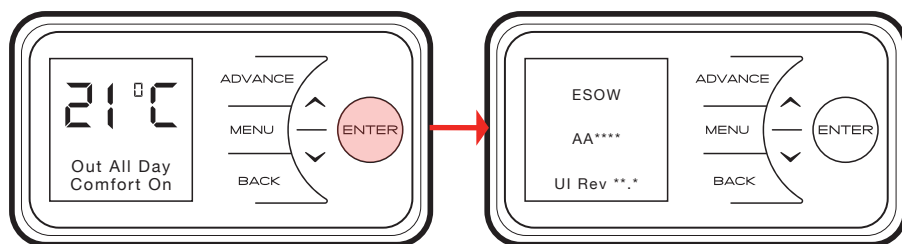
**Advance** is also used to enter Boost mode. Boost mode delivers heat for between one and four hours if the appliance is in a Timer Mode.

If Runback is enabled and the appliance is in **Standby mode**, the **Advance** button is used to enter a timed Runback heating period.

## Main Screen

After 30 seconds the heater will default back to the Main Screen. Here the current target temperature (setpoint) is displayed along with the mode of operation. Any use of the **Advance** function will be displayed here, and pressing **Enter** will show the functions which are enabled.

When left inactive for a long period of time this display will 'sleep' and the text will disappear. Press any button for its return.



NOTE:

The display screen will return to the main screen after a period of 30 seconds of inactivity.



NOTE:

Pressing enter will show the functions which are enabled, e.g. ES and OW above. Ref: page 15.

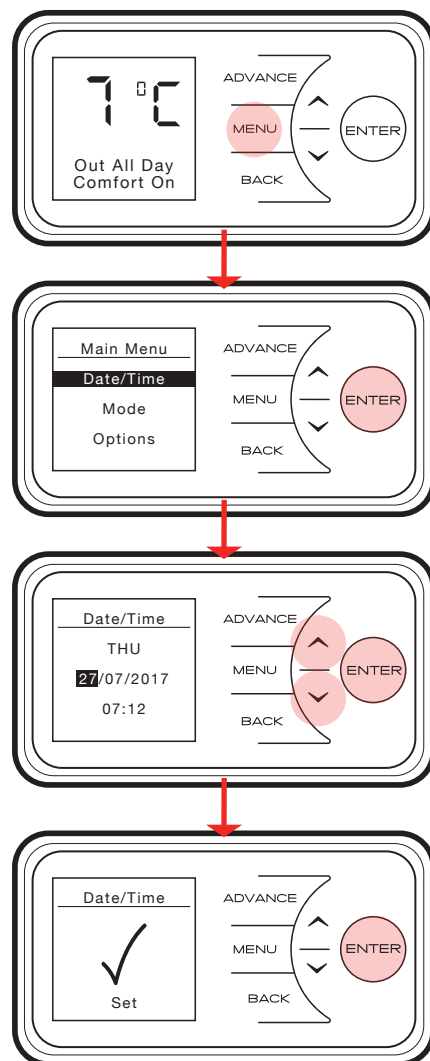
## Setting the Date and Time

The heater incorporates a real time clock with calendar function. The time clock has a battery backup that will keep the clock running in the event of a mains power outage.

To adjust the time or date follow the steps below.

Press the **Menu** button. Select **Date/Time** by pressing the **Enter** button. Press **^** and **v** to select the correct day of the month and press **Enter** to select.

Repeat this operation, until the date and time has been set, ensuring to press Enter to select. Press **Back** button to return to the **Main Screen** once **Set** has been displayed.



## Modes of Operation

The heater comes pre-programmed with a set of heating profiles. The user can change if he / she want to. There are four options available - three pre-programmed and one user adjustable timer;

1. **User Timer** - provides greatest flexibility to the user. Four time slots are available throughout the day and these can be customised for each day of the week.
2. **Out All Day (pre-programmed)** - has the following preset times Monday to Sunday, which can be altered if desired 07.00 until 08.30 17.30 until 22.00
3. **Home All Day (pre-programmed)** - has the following preset times Monday to Sunday, which can be altered if desired; 08.00 until 21.00
4. **Holiday (pre-programmed for 7 days at 10°C)** - set the number of days required (from 1 to 300) and the temperature required. 7°C is advised if you just want to protect the property from frost while you are away.

The heater can also maintain a constant room temperature using the following modes;

1. **Manual Mode** heats the room to a comfortable temperature of 21°C.
2. **Eco Mode** maintains a room temperature of 18°C. By reducing the room temperature slightly, significant energy savings can be achieved. The green display colour indicates that the selected temperature provides a comfortable room temperature while reducing energy consumption.
3. **Frost Protect Mode** maintains a room temperature of 7°C. This mode should be used to provide protection against frost as indicated by the blue display.

Select Standby to switch off the heating element. Heating will not be provided.



**NOTE:**

*In all modes, ^ and v can be used to adjust the required room temperature. In timer modes, this change is temporary and the heater will set the room temperature based on the saved heating profiles.*



**NOTE:**

*It is recommended that the timer is used as doing so can reduce the running cost. Operating the appliance in the permanent heating modes may result in increased running costs.*

## Choosing and Setting a Mode

### Timer Modes

To choose a timer mode press **Menu** and then  $\downarrow$  to select Mode. Then press **Enter**. Then select Timer Mode, again using the **Enter** button.

Select the mode required, by pressing  $\wedge$  or  $\vee$  followed by **Enter**.

For options **Out All Day**, **Home All Day** and **User Timer**, three choices are available - Select, Preview and Modify.

- **Select** - choose this timer option.
- **Preview** - view the times currently set.
- **Modify** - change the times currently set.

When Modify is chosen, select and change each option using the  $\wedge$ ,  $\vee$  and **Enter** buttons. At the end of each period, select Next to move to the following period. When a day is complete select Save to update it.

Once the first day has been set up it is possible to copy these settings to successive days or all days by either choosing **Copy Next** or **Copy All**.

If preferred each day can be modified individually and saved. It is also possible to Clear each day or Clear All days. Options are;

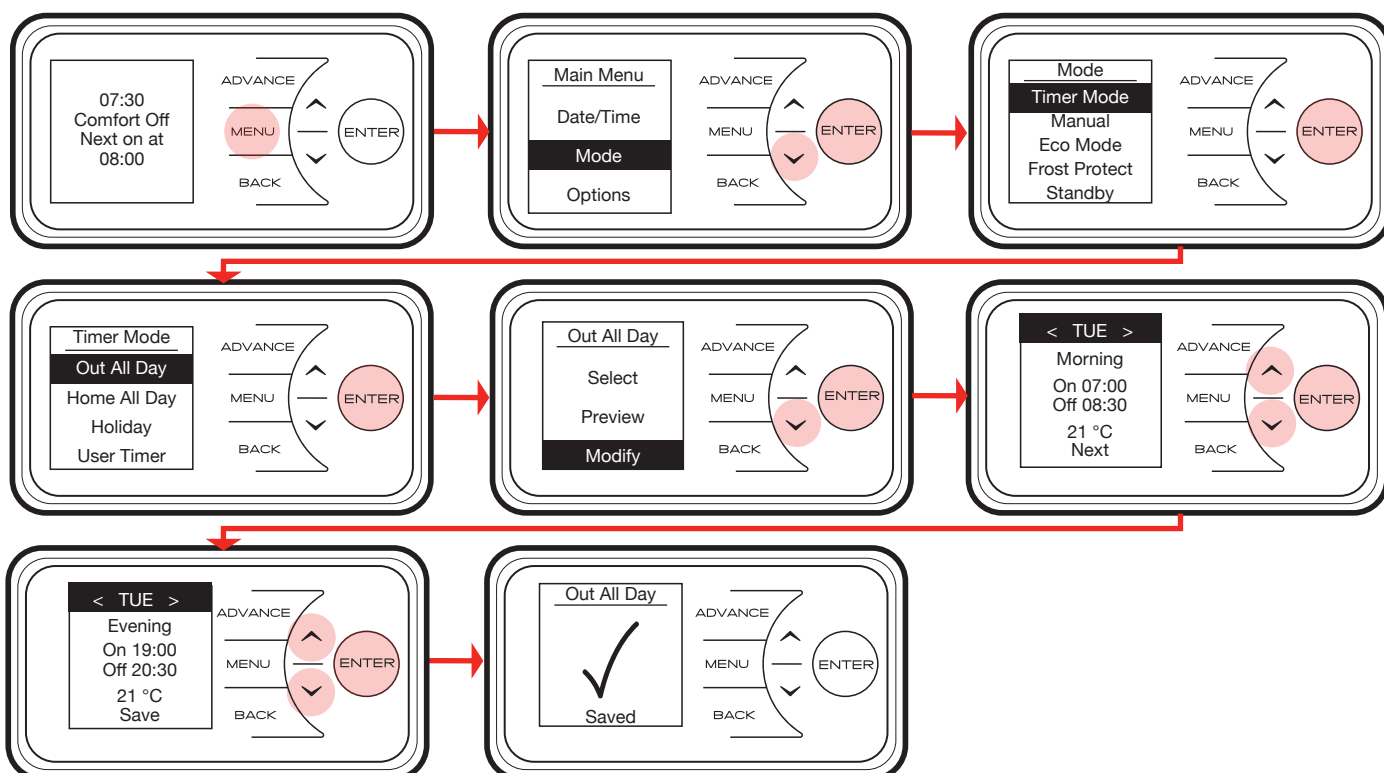
- **Save** - save times for one day.
- **Copy Next** - copy times to following day.
- **Copy All** - copy times to all seven days.
- **Clear** - zero all times that day.
- **Clear All** - zero times for all seven days.



#### NOTE:

Once modified a programme must be selected if you want to begin using it.

To select a mode, choose Select and press **Enter**.



If **EcoStart** is disabled, the heater will not operate until the beginning of the heating period. This should be taken into consideration when setting the heating periods.

In **Holiday mode** the number of days that the room will remain unoccupied for can be adjusted together with the required room temperature.

Press  $\wedge$  and  $\vee$  to choose a holiday period between 1 and 300 days, then press the Enter button.

Press  $\wedge$  and  $\vee$  to choose a temperature to be maintained during this period and press the Enter button. At the end of the **Holiday mode** the heater will automatically revert back to the previously selected programme.

### Constant Heat Modes

To choose a constant heat mode press **Menu** and  $\vee$  to select **Mode** and press **Enter**. Then select the required mode, again using the **Enter** button.



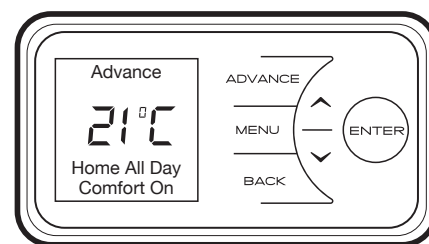
#### NOTE:

*If the EcoStart is enabled the heater will maintain the room at the required temperature for the duration of the heating period. To achieve this, the heater will begin heating the room before the start of the heating period to ensure the room is at the required temperature when the period starts.*

## Advance

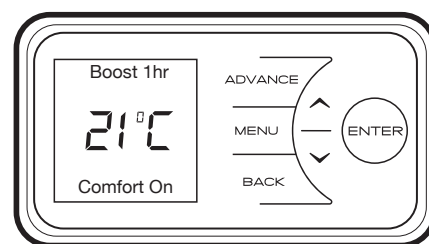
The **Advance** function allows the heating profile of the heater to be changed temporarily. When a timer has been selected, the **Advance** function is used to begin the next **Comfort On** mode early. If the heater is in **Comfort Off** mode and heat is required, press the **Advance** button.

If the heater is in **Comfort On** and heat is not required, press the **Advance** button and the heater will turn off until the beginning of the next **Comfort On** period. If the heater is in **Manual**, **Eco Mode** or **Frost Protect** and pressing the **Advance** button will switch off the heater. The heater will remain off until the **Advance** button is pressed again.



## Boost

The **Advance** button is also used to enter the **Boost** mode which provides temporary heating for one, two, three or four hours. Press the **Advance** button twice to begin a one hour boost. Continue pressing the **Advance** button to set longer boost period.



## Options

The **Options** menu allows the settings to be modified to suit the user's preferences. These are;

**DST Rule** - Select your daylight saving setting. The heater clock will automatically adjust for daylight saving time. If no adjustment is required then select none.

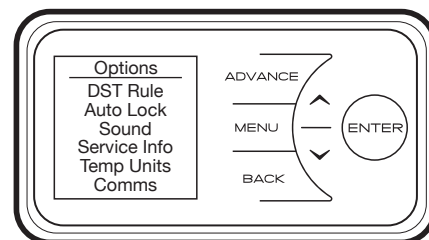
**Auto Lock** - Enable or disable the auto lock feature. This feature locks the interface if left inactive for longer than one minute. To unlock the appliance, press and hold **Back** and **Enter** for two seconds.

**Sound** - Audio feedback can be enabled or disabled.

**Service Info** - Service information is displayed.

**Temp Units** - Choose whether your unit displays degrees centigrade or Fahrenheit.

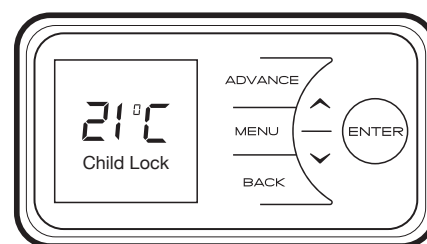
**Comms** - Choose to enable or disable **Wireless Connectivity**. If additional **RF Module** is connected, user will have option to enable or disable RF communications.





## Child Lock

To lock the controls press **Back** and **Enter** for three seconds. **Child Lock** will appear at the bottom of the screen. To unlock the control repeat the action of pressing **Back** and **Enter** for three seconds.



**NOTE:**  
The controls cannot be adjusted when child lock is active.

## User Information

### User Information

Press and hold **Enter** for five seconds to display the User Information menu;

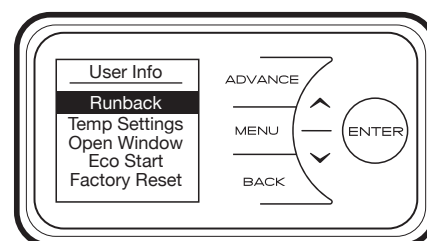
**Runback**, when enabled, allows the user to activate a timed heating period by pressing the **Advance** button when the appliance is in **Standby mode**. The settings of the timed heating period, duration and temperature can be configured in **Runback Settings**. **Runback** is enabled by default.

**Temp Settings** allows the user to select the **Max Temp** to adjust the maximum temperature range of the appliance. Setback allows the user to select a background temperature setting when the product is not in a **Timer Mode Comfort On** period.

**Open Window detection (OW)**, when enabled, allows the heater to reduce the target room temperature, limiting energy waste. Enabled as default when an open window is detected.

**EcoStart (ES)** - to achieve the desired temperature at the onset of the timed **Comfort On** period, the appliance anticipates when it needs to start heating prior to the onset of the timed on period. E.g. room is 16°C, with 21°C at 7am set on the timer. With **ES** On the control will start to heat the room before 7am, reaching 21°C at this time. With **ES** off the heater will start to heat the room at 7am and will reach 21°C after this time.

**Factory Reset** returns all settings to the factory presets.



## Runback Lock Mode

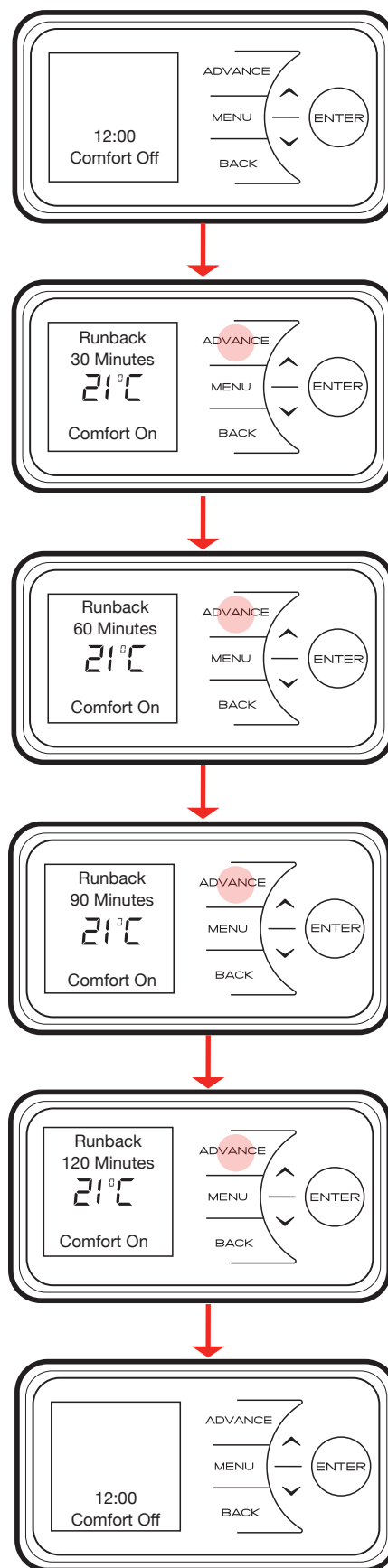
### Introduction

This appliance has a built in runback lock mode, when this mode is activated the user will have limited functionality with no access to the settings of the runback timer. It is possible to limit the maximum operating temperature and runback duration in the runback lock mode. This mode also features a setback function where a non-adjustable setback temperature can be set.

### Operation in Runback mode

When runback mode is active the appliance settings are locked, it is only possible for the user to activate predetermined runback periods. During these periods the appliance will energise to control the room to a desired temperature. During a runback period the set point can be adjusted by the user however, it is possible to assign a maximum set point limit during the runback mode setup. Once the runback period has elapsed the appliance will switch into **Comfort off** mode or into setback mode if enabled.

To activate a runback period the user must press the **Advance** button. There will be four runback periods available to chose from which are accessible through sequential presses of the **Advance** button. A subsequent press of the **Advance** button will return the appliance to **Comfort off** mode or **setback mode**.



## Accessing Runback Lock Mode

In order to enter the Runback lock menu, **Back**, **Menu** & **Enter** must be pressed simultaneously and held for 10 seconds. The user will then be prompted to enter the runback lock **PIN**.



### NOTE:

The default password is 0000, the password can be changed from within the runback lock mode menu.

## Enabling runback timer mode

From the main Runback lock menu select **Runback**, and then **Enable** using **Enter**. Runback mode will be enabled, normal functionality of the appliance will be disabled allowing only the Runback mode functionality.

## Disabling runback timer mode

From the main Runback lock menu select **Runback** and **Disable** and confirm using **Enter**. Runback mode will be disabled and full appliance functionality will be enabled.

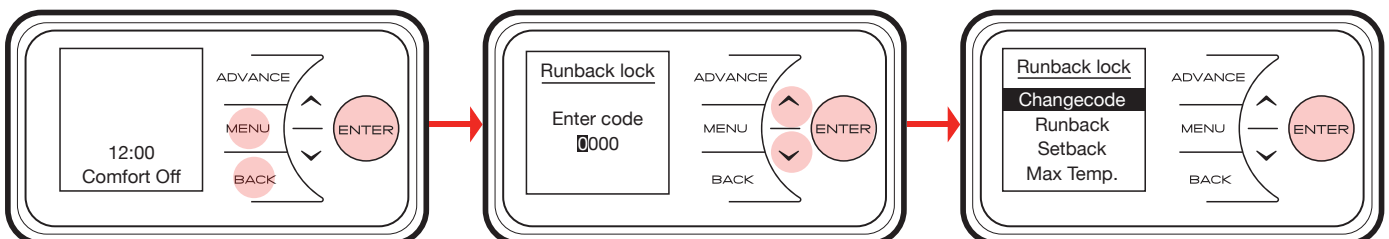
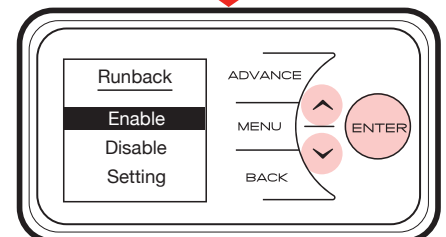
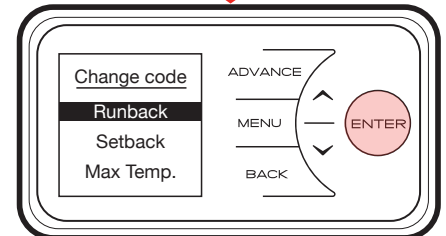
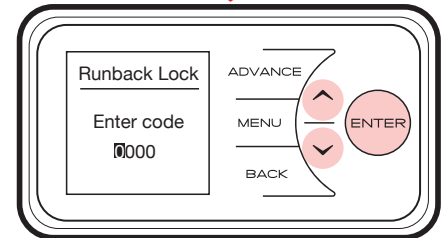
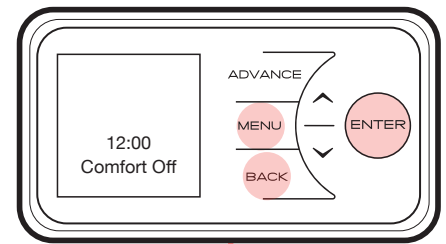
## Runback Mode Settings

### Changing the Pin Code

It is possible to set a user defined runback lock PIN code. Once changed, the PIN code will be required to access the

### Runback timer mode menus.

To change the PIN code select “**Change code**” from the main **Runback lock menu**. To complete the change, follow the on-screen instructions, it will be necessary to input the current **PIN** and then set the new **PIN code**.



## Runback Duration

During setup it is possible to select from a number of preset runback periods. This is achieved by selecting the maximum runback time. The maximum runback time is subdivided into four periods to deliver options to the user, the maximum time options and corresponding runback periods are shown in the table below.

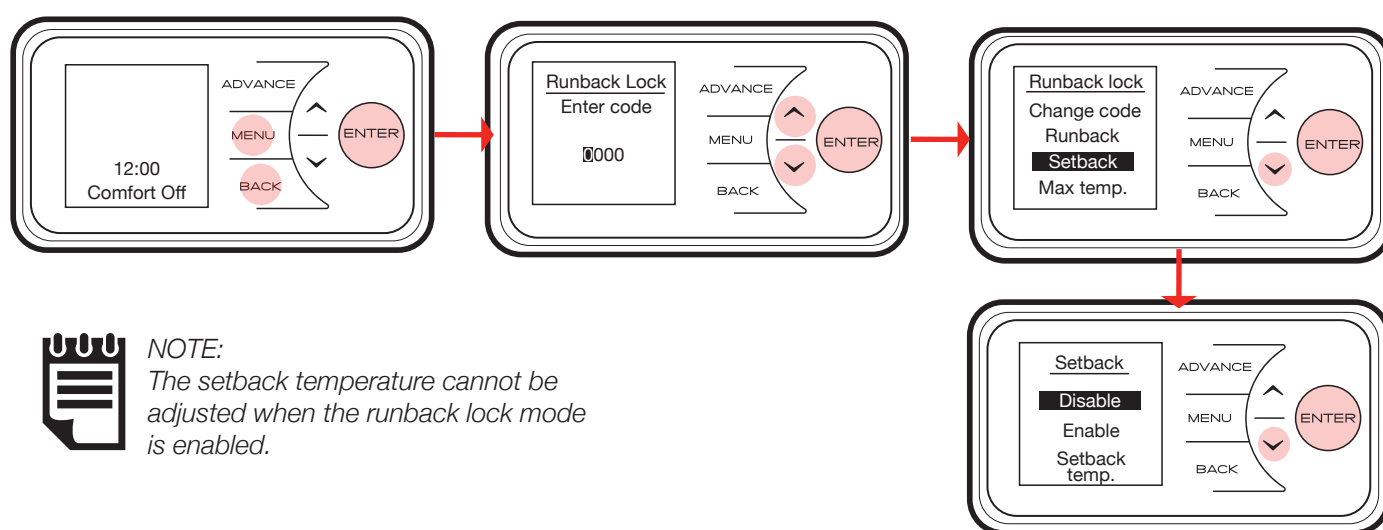
To set the Maximum time period select **Runback** from the **Runback lock menu**, then select **“Settings”** from the **Runback menu**. The arrow keys can be used to toggle the selection, **Enter** then confirms the selection. Ensure to select a **Max duration** with runback periods suitable to the application.

Max Duration	Period			
	1	2	3	4
30	15	20	25	30
60	15	30	45	60
90	15	30	60	90
120	30	60	90	120
240	60	120	180	240
360	90	180	270	360
480	120	240	360	480

## Setback Mode

It is possible activate a setback mode, this ensures that when the runback lock is enabled and the appliance is not in a runback period then the appliance does not switch off, it enters setback mode. The setback temperature can be set during the runback lock setup.

The setback mode can be enabled or disabled from within the Runback lock settings menu. It is also possible to alter the setback temperature from this menu.



## Runback mode, Maximum Temperature

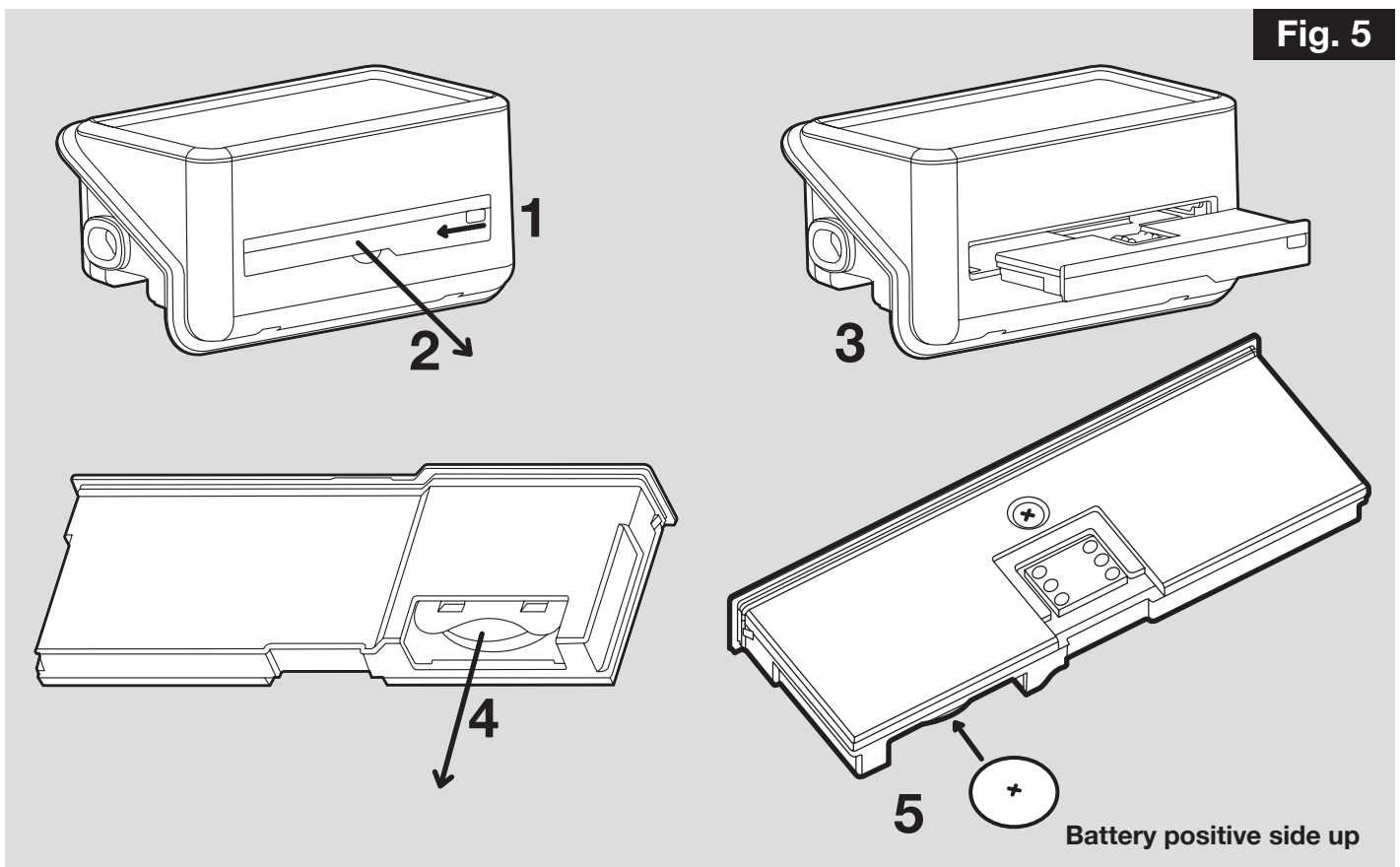
A maximum temperature limit for the room during runback can be applied. This will restrict the users ability to increase the room temperature beyond a set value during a runback period. The maximum temperature can be set by selecting **‘Max Temp.’** in the Runback lock settings menu. The temperature can be adjusted using the arrow keys and then confirmed using the **Enter** Key.

## Battery replacement

**IMPORTANT:** Before replacing the battery ensure the heater is isolated from the electricity supply. **NOTE - Battery should be disposed of in an appropriate manner**

This product is fitted with a replaceable battery in the controls. To replace the battery, follow the steps below, shown in **Fig. 5**:

1. Unhinge the heater from the wall using the clips shown in **Fig. 2** and locate the battery module
2. Slide the catch and pull module from the controls.
3. Remove the coin cell battery and replace.
4. Slide module back in place, ensuring clip is engaged.



## Important

During the initial operation, some odour may be noticed due to the newness of materials used in manufacture. This is normal and will disappear after a short period of use. It is however advisable to keep the room well ventilated.

### Cleaning

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

Before commencing cleaning, isolate the heater from the electrical supply and allow it to cool. The outside can be cleaned by wiping it over with a soft damp cloth and then dried. Do not use abrasive cleaning powders or furniture polish, as this can damage the surface finish. To release the heater from the wall bracket for cleaning or redecoration, depress the latch on both brackets (See **Fig. 2**) and hinge forward.

## Energy Saving Tips

The energy we use to heat, light and power our homes contributes over a quarter of the UK's carbon emissions, the principle contributor to climate change. Around half the energy used in the home is for heating and hot water, so using your heating system efficiently will not only help the environment, but also save you money.

### Energy efficiency tips for heating and hot water

#### 1. Don't set the temperature too high...

By reducing the thermostat setting by just 1°C can reduce your energy use by as much as 10%. And if you're going away during the winter, leave the thermostat on the frost protection setting to provide protection from freezing at a minimum cost.

#### 2. Use it where you need it...

Set the appropriate temperature on your heaters for the room they are in; for example, leave the thermostat on a heater in a spare bedroom on a lower setting.

#### 3. Use it when you need it...

Use heaters fitted with timers or linked to central controllers to turn the heating on only when you need it and automatically switch it off when you don't.

#### 4. Curtains

Close your curtains at dusk to stop heat escaping through the windows.

#### 5. Windows

Nearly 25% of heat loss can occur through poorly insulated frames and single glazing. If you can't afford to double glaze all your windows, go for the rooms you heat most.

#### 6. Treat your hot water tank...

Give it a jacket. An insulating jacket for hot water tanks costs only a few pounds and pays for itself within months. Fit one that's at least 75mm (3") thick and you could save £10-15 a year.

#### 7. Water

Use a shower if you have one to save time, money and water. Don't set the thermostat too high on your water heater - 60°C/ 140°F is usually adequate for bathing and washing. Put the plug in when running hot water in your sink - leaving hot taps running is both wasteful and expensive. Ensuring dripping taps are repaired quickly. In just one day, you could waste enough water to fill a bath.

### Other Energy Saving Tips for Around the Home

#### 1. Lights

Turn off lights whenever you leave a room for more than ten minutes. Use low-energy bulbs wherever you can as they use less than a quarter of the electricity used by ordinary light bulbs and last ten times longer!

#### 2. Cooking

Use the right size pan for food and cooker hob. Keep saucepan lids on - this enables you turn down the heat. Boil water for cooking in a kettle first.

## 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.

### What does a Dimplex Guarantee cover?

Dimplex designs and manufactures its products to ensure they deliver reliable service for normal, household use in domestic settings. All Dimplex products are individually tested before leaving the factory.

If you are a consumer and you experience a problem with your Dimplex product, which is found to be defective due to faulty materials or workmanship within the Guarantee Period, this Dimplex Guarantee will cover repair or - at the discretion of Dimplex - replacement with a functionally equivalent Dimplex product.

The Dimplex Guarantee Period is two calendar years from the date of purchase of your Dimplex product, or the date of delivery of the product, if later. The Dimplex Guarantee is conditional upon you providing the original purchase receipt as proof of purchase. Please therefore retain your receipt as proof of purchase.

If you do experience a problem with your Dimplex product please call the Helpline on **0844 879 3588** or visit <http://www.dimplex.co.uk/about-us/contact-us/> and complete the online form. For ROI please email [serviceireland@glendimplex.com](mailto:serviceireland@glendimplex.com) or call **+353(0)1 842 833**. We will need details of your Dimplex product, its serial number and a description of the fault which has occurred. You can find the model number and serial number for your Dimplex product on the heaters side. Once we receive your information and proof of purchase we will contact you to make the necessary arrangements.

If your Dimplex product is not covered by this Dimplex Guarantee there may be a charge to repair your product. However, we will contact you for agreement to any charges before any chargeable service is carried out.

### What is not covered by a Dimplex Guarantee?

The Dimplex Guarantee does not cover any of the following:

- Any fault or damage to your Dimplex product due to faulty materials or workmanship occurring outside the two year Guarantee Period.
- Any fault or damage occurring to any pre-owned Dimplex product or to any other equipment or property.
- Accidental damage to your Dimplex product or damage to your Dimplex product from external sources (for example, transit, weather, electrical outages or power surges).
- Fault or damage to your Dimplex product which is:
  - Not due to faulty materials or workmanship or which is due to circumstances outside Dimplex's control.
  - Caused by use of your Dimplex product for anything other than normal domestic household purposes in the country where it was purchased.



- Caused by any misuse, abuse or negligent use of the Dimplex product, including but not limited to any failure to use it in accordance with the Operating Instructions supplied with the product.
- Caused by any failure to assemble, install clean and maintain your Dimplex product in accordance with the Operating Instructions supplied with the product unless this was carried out by Dimplex or its authorised dealers.
- Caused by repairs or alterations to your Dimplex product not carried out by Dimplex service personnel or its authorised dealer(s).
- Caused by use of any consumables or spare parts for your Dimplex product which are not Dimplex-specified. A full range of Dimplex-specified consumables, parts and accessories is available at <http://www.dimplex.co.uk>
- Dimplex products not sold outside the UK or ROI

## **Terms and Conditions**

- The Dimplex Guarantee is valid for two calendar years from the date of purchase of your Dimplex product from a recognised retailer in the country of purchase and use, or the date of delivery of the product if later, always provided the original receipt has been retained and is produced as proof of purchase.
- You must provide to Dimplex or its authorised agents on request the original receipt as proof of purchase and - if required by Dimplex - proof of delivery. If you are unable to provide this documentation, you will be required to pay for any repair work required.
- Any repair work under the Dimplex Guarantee will be carried out by Dimplex or its authorised dealer(s) and any parts that are replaced will become the property of Dimplex. Any repairs performed under the Dimplex Guarantee will not extend the Guarantee Period.
- Any replacement of your Dimplex product by Dimplex during the Guarantee Period will start the two-year Guarantee Period afresh from the date of delivery of the replacement Dimplex product to you.
- The Dimplex Guarantee does not entitle you to recovery of any indirect or consequential loss or damage including but not limited to loss or damage to any other property.
- The Dimplex Guarantee is in addition to your statutory rights as a consumer and your statutory rights are not affected by this Dimplex Guarantee.

## **Contact Dimplex**

If you have any questions about what the Dimplex Guarantee covers and does not cover or how to claim under the Dimplex Guarantee, please contact us using the information on the back page.

### **Contact details**

GDC Group LTD, Milbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF







**Customer Helpline:** 0844 879 3588

**Fax:** 0844 879 3583

[aftersales@dimplex.co.uk](mailto:aftersales@dimplex.co.uk)

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

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**CE** This product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3. These cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC