

Quick Start Guide

This guide is for quick reference only.

Please refer to the operating section on Page 12 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 **^** or **v** until the correct value is shown, then press **Enter** to confirm and move onto 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, use either **^** or **v** until the display shows the temperature you require.

Timer Modes

Your Dimplex MFPE 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
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

Fig. 5

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 likely suit your lifestyle.

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 **v** and then **Enter**. For options **Out All Day**, **Home All Day** and **User Timer**, three choices are available

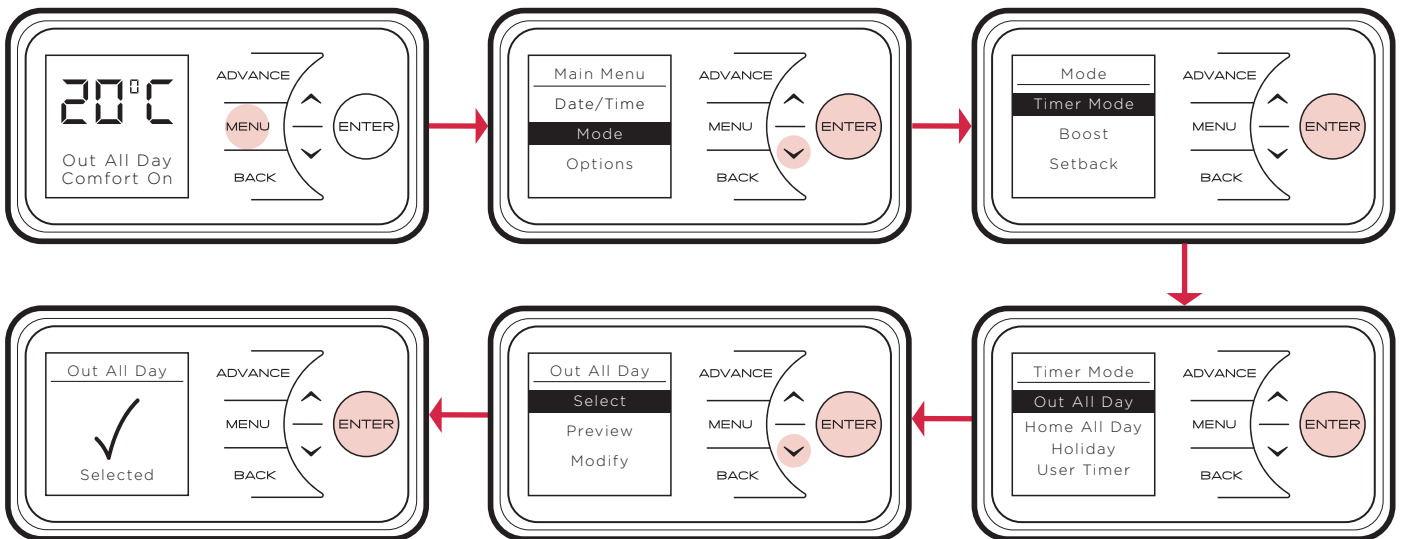
Select, Preview and Modify.

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

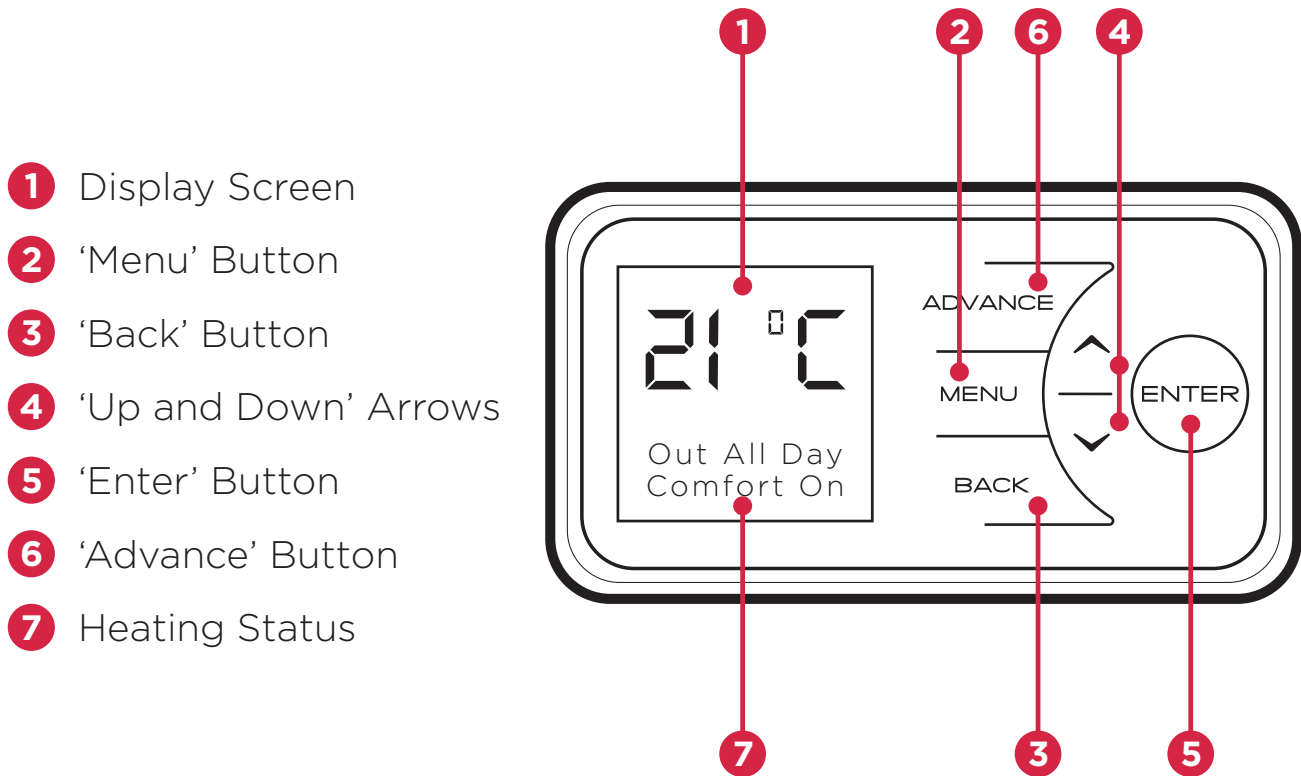
The **Advance** button is also used to enter the boost mode which provides temporary heating for one, two, three or four hours. Press the **Advance** button twice to begin a one hour boost. Continue pressing the **Advance** button to enter the longer boost periods.



NOTE:
Advance Boost only works when not in timer mode

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.



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 **▼** buttons are used to navigate through the menus and alter setting values. The **▲** and **▼** 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 continuous heat mode of operation, **Advance** can be used to switch the appliance on and off.

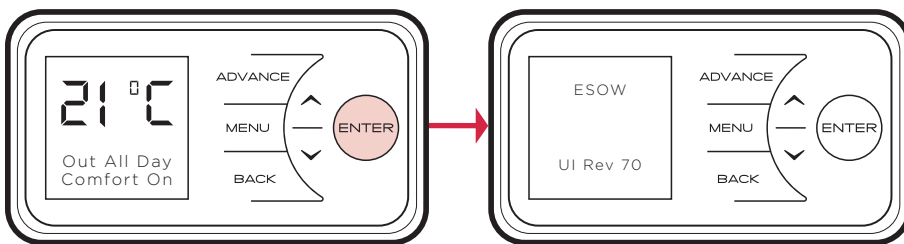
Advance is also used to enter Boost mode. Boost mode delivers heat for between one and four hours if the appliance is in a Timer Mode.

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 19.

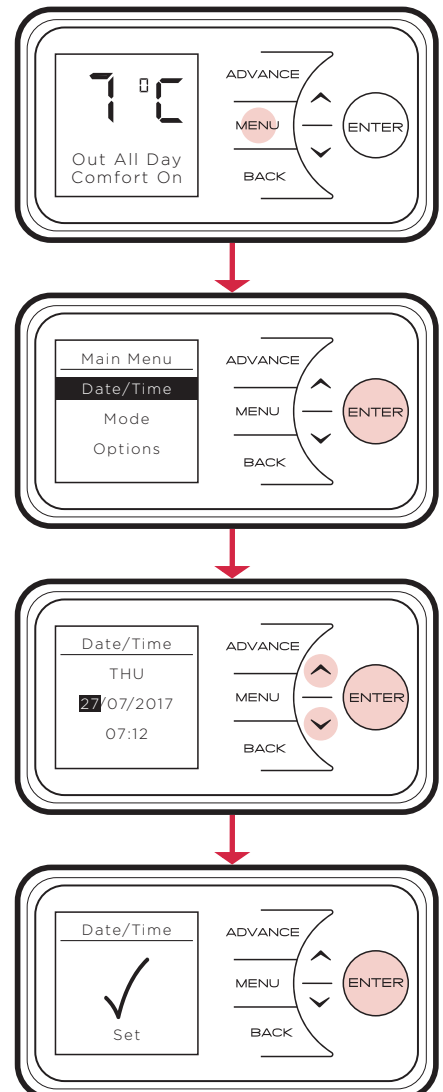
Setting the Date and Time

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 255) 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** maintains a comfortable room temperature.
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** from the home screen, then navigate to 'Timer Mode' using the \downarrow button. Press **Enter** to select.

Select a timer by pressing \uparrow or \downarrow followed by **Enter**.

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

- **Select** - This option will activate the timer.
- **Preview** - This option allows you to quickly view the times and temperatures currently set
- **Modify** - This option allows you to modify the times and temperatures.

When **Modify** is chosen, select and change each option using the \uparrow , \downarrow and **Enter** buttons. At the end of each heating period, select **Next** to move to the following heating period. When a day is complete, the following options are available:

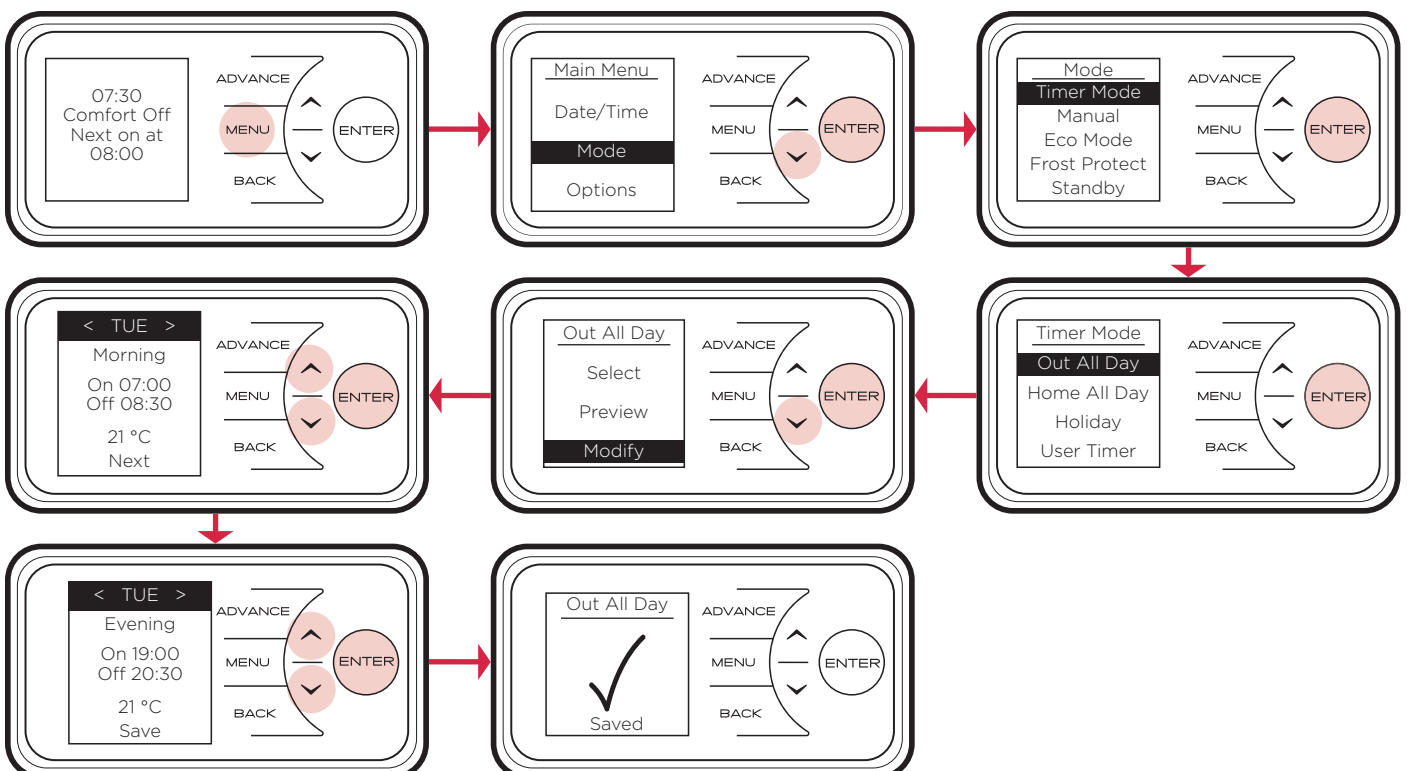
- **Save** - Saves times for one day.
- **Copy Next** - Copy times from the day shown to the following day.
- **Copy All** - Copy times from the day shown to all seven days.
- **Clear** - Remove all times from the day shown.
- **Clear All** - Remove all times for all seven days.



NOTE:

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

Example of Modifying the Out All Days timer is shown



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

Press **▲** and **▼** to choose a holiday period between 1 and 255 days, then press the **Enter** button.

Press **▲** and **▼** 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.



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.

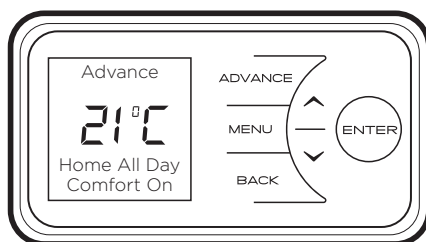
If EcoStart (ES) is disabled, the heater will not operate until the beginning of the heating period. This should be taken into consideration when setting the heating periods. See page 19 for instruction on enabling/disabling EcoStart.

Advance

The **Advance** function allows the active timer schedule 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 stop heating until the beginning of the next **Comfort On** period.

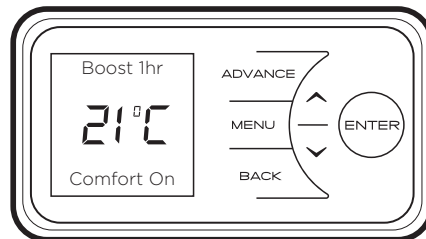
If the heater is in **Manual**, **Eco Mode** or **Frost Protect**, pressing the **Advance** button will pause that operation. The heater will remain paused until the **Advance** button is pressed again.



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.

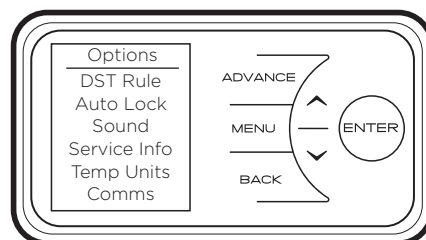
Sound - Audio feedback can be enabled or disabled.

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.



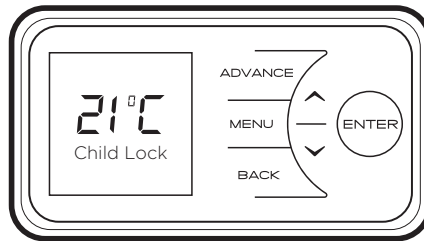
Child Lock

If you need to lock the controls so that the settings cannot be changed then activate the 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.

