Contact Details

Please note that some of the contact details on this PDF document may not be current.

Please use the following details if you need to contact us:

Telephone: 0844 879 3588
Email: customer.services@gdcgroup.co.uk

The customer support section of our website also features a wide range of information which may be of use to you and is available 24 hours a day. It includes:

- Operating and installation instructions
- Easy 'How to use' guides for storage heaters
- Service and repairs
- Where to buy our products
- Literature downloads
- Heating requirement calculator

Visit - www.dimplex.co.uk/support

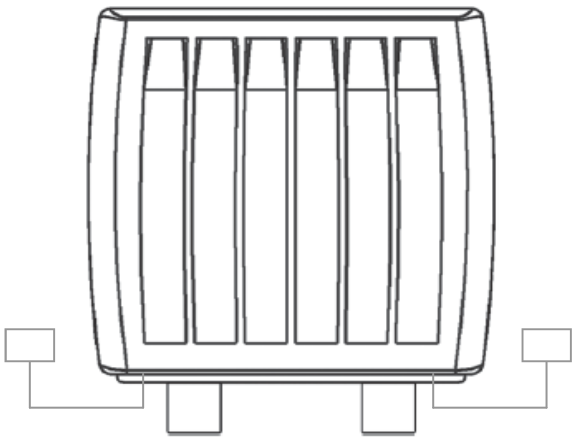
Quick Start Guide (Page 1)

Duoheat Radiator - DUO300i, DUO400i, DUO500i

QS006

This guide is for quick reference only. Refer to the Duoheat installation and operating instructions for further information

Duoheat Radiator



Overview

Your DuoHeat radiator works by providing continual warmth from a carefully balanced combination of retained and 'direct response' heating.

Some energy is taken in by the radiator when electricity tariffs are low. The radiator will automatically determine how much heat needs to be stored each night depending on changing weather conditions. This stored heat is then gradually released over the course of the following day.

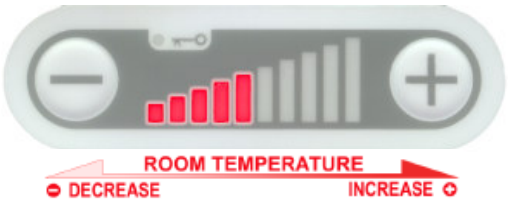
The stored heat is supplemented whenever needed by top up heat from the radiant front panel, to ensure room temperatures remain at your preferred level throughout the day. This supplementary heat is only utilised when the background heat is no longer sufficient to maintain the desired room temperature.

As such, DuoHeat has two output modes, COMFORT (Radiant Heat) and BACKGROUND (Retained Heat). Each can be set independently to provide the optimum level of comfort and controllability.

For DuoHeat to operate correctly, both electricity supplies must be switched on at all times.

How does the Control Panel Work?

On the DuoHeat, both output modes - Comfort and Background - are controlled by the same control panel. The default display illustrates the current 'Comfort' (radiant heat) setting by displaying a certain number of illuminated bars. Each bar relates to a level of room temperature - the higher the bar, the higher a room temperature the heater will attempt to maintain. This can be raised or lowered using the + and - buttons. In order to check the setting for the 'background' heating (retained heat), you must hold the + button until the 10 bars are illuminated and continue to hold for a further 7 seconds. The 10 illuminated bars should now be replaced by a single flashing bar (indicating the current background heat setting level). This can again be raised or lowered using the + and - buttons. To set these levels to your desired requirements, please follow the instructions below.



Heater Controls - Initial Set Up

Depending on your comfort requirements, there are three recommended settings:

Low: e.g. holiday home during period of vacancy
Normal: e.g. typical use
High: e.g. sheltered accommodation

Both the Comfort and Background heat settings need to be set accordingly.

Normal Setting

This is the factory default setting, however you should check this has not been altered by the installer.

Set the BACKGROUND setting at the mid point (5 bars). To do this, hold the + button until the 10 bars are illuminated and continue to hold for a further 7 seconds. The 10 illuminated bars should now be replaced by a single flashing bar (indicating the current background heat setting level) Adjust this upwards or downwards until the fifth bar is illuminated by pressing the + and - buttons.

After 20 seconds, the display will revert to the standard COMFORT mode.

Set the COMFORT control at the mid point (5 bars) by pressing the + or - buttons to change the number of illuminated bars.

Low Setting

Follow the instructions for 'Normal Setting', but:

Reduce the BACKGROUND setting to 1 bar.

Reduce the COMFORT setting to 1 bar.

High Setting

Follow the instructions for 'Normal Setting', but:

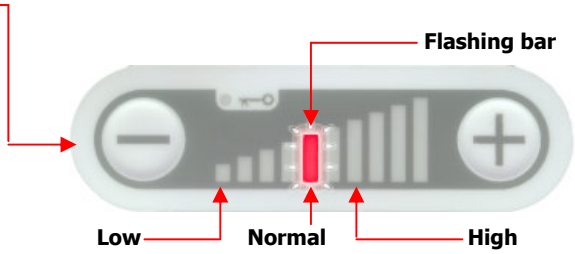
Increase the BACKGROUND setting to 7.

Increase the COMFORT setting to 7.

Please note that at high setting the room temperature will be warmer with a corresponding increase in running costs.

Operate the radiator for 24 hours before making further adjustments to the settings, as it will take 24 hours for any changes to fully take effect.

After 24 hours, you may wish to make some minor adjustments to achieve your optimum comfort level (Please see overleaf)



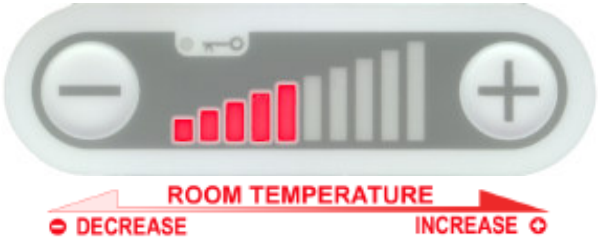
Quick Start Guide (Page 2)

Duoheat Radiator - DUO300i, DUO400i, DUO500i

QS006

This guide is for quick reference only. Refer to the Duoheat installation and operating instructions for further information

Achieving Your Optimum Comfort Level



If the room is not at the desired temperature in the morning, adjust the **Background** level up or down accordingly. This will ensure that more (if setting is raised) or less (if setting is lowered) heat is stored overnight for use the following day.
If the room is not at the desired temperature in the afternoon/evening, adjust the **Comfort** heat level up or down accordingly. This will alter the amount of supplementary heat provided by the radiant panel as the background heat output diminishes.

When making adjustments to the Background setting, it is recommended that you do not change the setting by more than one bar at a time.

Everyday Operation

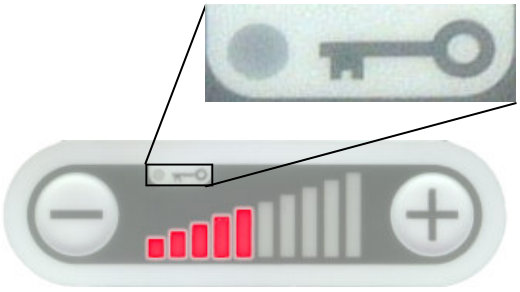
Once the Background level has been set at a comfortable level (see Achieving Optimum Comfort Level above), this should not require any further adjustment. The on-board thermostats will work to ensure that the DuoHeat maintains your room at the desired temperature, irrespective of external weather conditions.

However, you can adjust the Comfort setting as required to suit your comfort needs and occupancy pattern:

For example, the comfort control can be lowered slightly to save energy when the room is unoccupied, or temporarily increased in order to provide an immediate boost of heat.

For more comprehensive advice on using your DuoHeat radiator, please refer to the Operating Instructions.

Child Lock Feature



- To activate the child lock, press and hold the + and - buttons together for approximately 3 seconds.