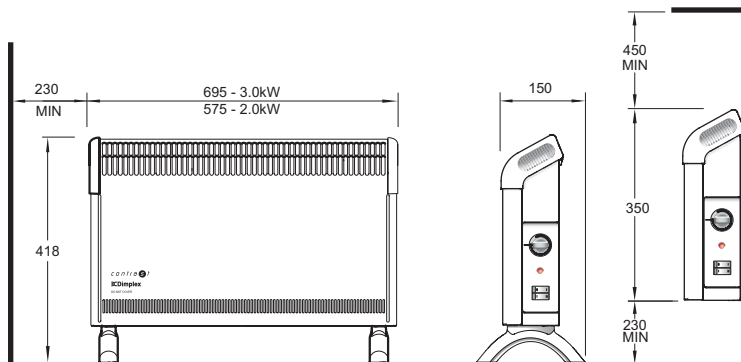


Dimensions (millimetres)

Models Specification

DXC20	2.0kW	On/Off Switch/Heat Switch/T'stat/Neon
DXC20Ti	2.0kW	Heat Switch/T'stat/24hr Timer
DXC20F	2.0kW	On/Off Switch/Heat Switch/T'stat/Neon/Turbo Fan
DXC20FTi	2.0kW	Heat Switch/T'stat/Neon/24hr Timer/Turbo Fan
DXC30	3.0kW	On/Off Switch/Heat Switch/T'stat/Neon
DXC30Ti	3.0kW	Heat Switch/T'stat/24hr Timer
DXC30F	3.0kW	On/Off Switch/Heat Switch/T'stat/Neon/Turbo Fan
DXC30FTi	3.0kW	Heat Switch/T'stat/Neon/24hr Timer/Turbo Fan



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

Important Safety Advice

WARNING: This appliance must not be used in a bathroom.

WARNING: Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.

WARNING: This heater must not be located immediately below a fixed socket outlet.



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

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.

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

DO NOT use the heater on deep pile carpets or the long hair type of rugs. Keep combustible materials such as drapes and other furnishings clear from the front, sides and rear of the heater. Do not use the heater to dry your laundry.

The 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

The use of an extension lead or multi-plug adaptor is not advised when connecting this product to the mains. Connection through these devices could lead to a 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 rewirable plug incorporating a 13 amp fuse. In the event of replacing the fuse in the plug supplied, a 13 amp fuse approved by ASTA to BS 1362 must be used. If any other type of plug is used, a 15 amp fuse must be fitted in the plug, the adaptor, or at the distribution board.

IMPORTANT : If the plug is not suitable for your socket, the 13 amp plug should be removed. Before wiring the appropriate plug, please note that the wires in this mains lead are coloured in accordance with the following code :

GREEN AND YELLOW:	EARTH
BLUE :	NEUTRAL
BROWN :	LIVE

Connect the **GREEN AND YELLOW** wire to the terminal marked 'E' or by the earth symbol , or coloured **GREEN** or **GREEN AND YELLOW**. Connect the **BROWN** wire to the terminal marked 'L' or coloured **RED**. Connect the **BLUE** wire to the terminal marked 'N' or coloured **BLACK**.

Using the heater

WARNING: DO NOT USE THE HEATER UNTIL THE FEET OR WALL BRACKETS ARE FITTED CORRECTLY.

The product can be used as an installed or portable unit. Once the desired application has been decided upon and the requirements below have been met the product is ready to be used. Simply plug in and switch on at the wall socket.

There are various control options available with various combinations comprising of thermostat, switched, timer & indicating neons. Please note – the element has been coated with a protective film which will burn off during the first few minutes of use and 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.

Positioning the heater

Always ensure that the heater is stood on a firm, level base near to, but not directly beneath, a suitable mains supply socket.

Ensure that curtains and furniture are not positioned close to the chosen position, as this would create a potential fire hazard.

We recommend that the heater should be wall-mounted in rooms where children may be left unattended, see 'Important Safety Advice'.

If young children, the aged or infirm are likely to be left in the vicinity of the heater, we advise that adequate precautions should be taken. We recommend that a guard be fitted to ensure contact with the heater is avoided and objects cannot be inserted into the product.

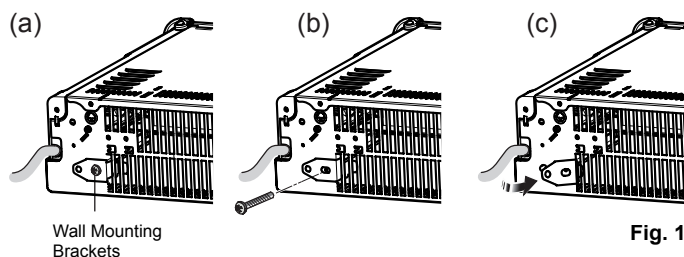
For further information, please contact our guard supplier direct on Tel. No. 0207 987 1184, or in case of difficulty or for further advice contact the Customer Helpline.

Wall Mounting

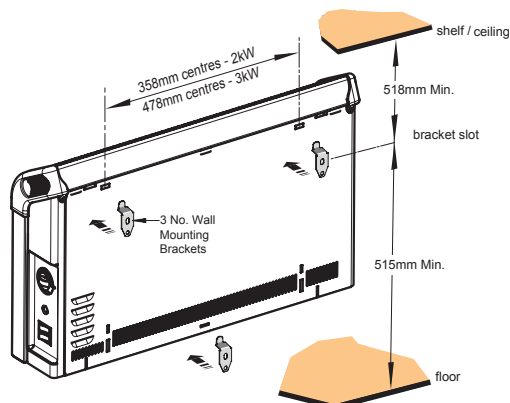
Three identical wall mounting brackets are secured to the base of the heater with a fixing screw. To wall mount the appliance, first remove the brackets as follows:

Lay the heater on its back.

Following the sequence in **Fig. 1** – identify and remove the fixing screw securing the brackets located beside the mains cable as shown in (a), then pull out the brackets and rotate them to disengage them from the slot (b). Withdraw the brackets from the slot (c).



Select a suitable position on a wall, near to a mains power socket, making sure that there is *at least* 230 mm below the heater and *at least* 450 mm above the heater of unobstructed space. See also 'Positioning the heater'. Fix the two top retaining brackets to the wall, using suitable fixings, for 2kW models at 358mm centres and 3kW models at 478mm centres – see **Fig. 2**.

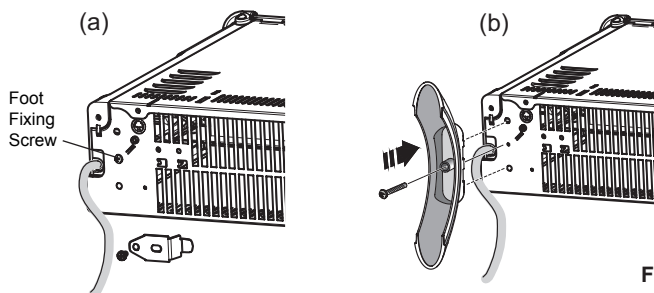


Locate the heater on the top brackets and allow it to hang in place. Fit the bottom bracket into the slot in the heater and then fix it to the wall. Test that the heater is now securely fixed to the wall.

Free standing use

NEVER USE THE HEATER FREE STANDING WITHOUT THE FEET FITTED.

Lay the heater on its back and remove the wall mounting brackets - see **wall mounting**. Locate the foot fixing screw (see 'a' in **Fig. 3**) and remove the screw using an X-head screwdriver, then align foot over slots and holes in base (see 'b' in **Fig. 3**) and push into the slots. Finally take the foot fixing screw, insert and tighten using a screwdriver to secure the foot.



NOTE – The wall mounting brackets must be removed before the foot can be fitted. The brackets should be retained for wall mounting the product in the future if required.

Using the heater

Plug in and switch on at the wall socket. The mains neon indicator will glow showing that power is available.

On models with a timer clock, the clock will operate all the time that the heater is connected to the mains supply, regardless of the setting of the heat selector switch. Set the timer control switch as required for OFF, Manual or Automatic operation – see '**Timer Operations**'.

The heat output is controlled by the thermostat - see '**Thermostat**'.

Controls

Thermostat



The thermostat 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 desired temperature 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°C to help protect against frosty conditions.

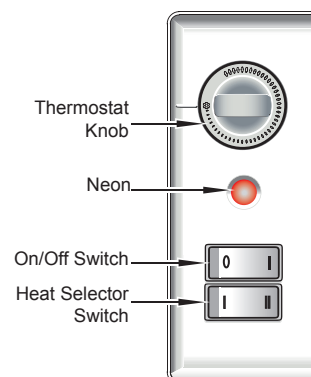
On/Off Switch - see **Fig. 4a**

On the non-timer models the switch operates as follows:

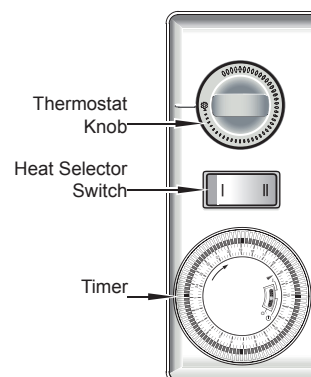
O - The heater is Off

I - The heater operates with heat output as per the heat selection switch.

Note : The above description of the On/Off switch operation is with the turbo neon switch in the off position – see also the 'Turbo Fan model...' section.



Non- Timer Models



Timer Models

Heat Selector Switch - see Fig. 4a and Fig. 4b

Heat selection is available on all models as an economy feature. On all models the switch operates as follows:

- I - The heater operates with low heat output
- II - The heater operates with max. heat output

Mechanical Timer Operation - see Fig. 5

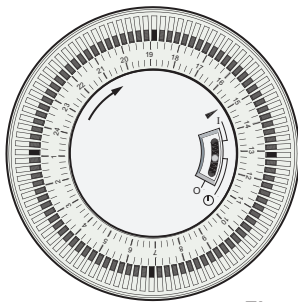


Fig. 5

Set the I - ⌚ - ⌚ slide switch on the timer (Fig. 6) to:

Position ⌚ - Heating Off

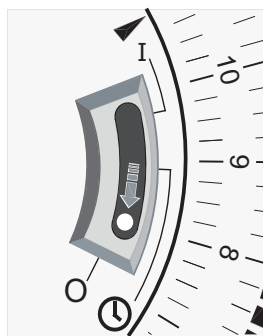


Fig. 6

Position I - Manual operation

This setting allows power to the heater uninterrupted by the timer settings. The heat selector switch and thermostat will control the output (see 'Controls').

Position ⌚ - 'Auto' operation

DO NOT disconnect this heater from the mains supply unless it is being taken out of use (e.g. in summer or for storage), otherwise the timer clock will stop.

Setting the time of day

To set the time of day, rotate the timer dial clockwise (indicated by the arrow) until the correct time of day is opposite the reference mark ► (see Fig. 6). The 24-hour clock is used ; e.g. time shown for 4 pm is '16' (16:00hrs).

Setting the 'Auto' ON and OFF times

To set the timer:



Fig. 7

1. Using your finger tip or the tip of a pencil, push in as many segments as necessary around the dial, according to the times you don't require heat – see Fig. 7. Each segment pushed in switches the heater OFF for that part of the hour. All other segments will be ON. For example, Fig. 8 shows the timer set to switch the heater ON between 9.00am and 4.00pm and between 9.30pm and 7.00am.

2. You can select as many ON periods as you like, within the 24-hour day. The settings will repeat every day until changed.

3. To change ON and OFF times, simply push in any 'ON' segments you wish to cancel and pull out new 'ON' segments as required.

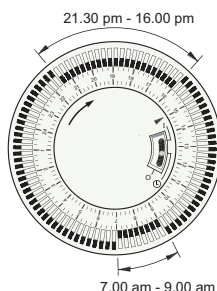


Fig. 8

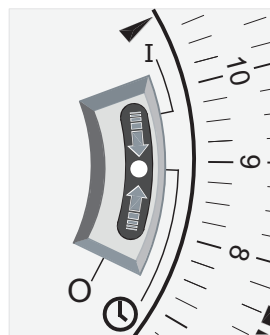


Fig. 9

Switching to auto

Set the heat selector and thermostat for the heat output required.

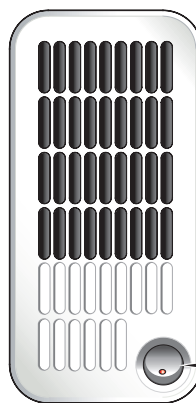
Check that the clock shows the correct time of day. Set the I - ⌚ - ⌚ slide switch to ⌚ (see Fig. 9) - the heater will switch ON and OFF according to the timer settings (see Fig. 8).

IMPORTANT NOTES

Remember to observe all safety warnings when operating the heater on auto setting unattended or attended.

If the mains supply to the heater is interrupted, the timer clock will stop until power is restored ; reset the time of day to ensure correct ON and OFF times.

Turbo Fan models - see Fig. 10



Turbo
ON/OFF
Neon
Switch

Fig. 10

The turbo fan can be used to circulate the heat around the room to help it reach the desired temperature more quickly.

DXC20F & DXC20FTi

To circulate the heat around the room to reach the desired temperature quickly, set the heat selector switch to either the low or high setting and the turbo switch on. In warm weather the fan can be used to circulate cool air. Set the two switches to OFF and the turbo switch to ON, then turn the thermostat knob fully clockwise to the maximum setting.

DXC30F & DXC30FTi

On this model with the I / II switch at position I and the turbo switch in it's Off position (neon off) there is no heat output from the convector. With the I / II switch still in the I position you can have 1kw output but only with the turbo boost On (neon on). To get an output of 2kW leave the turbo switch off and set the I / II switch to position II. (Note 2kW is only possible with turbo Off). To achieve 3kw output now turn on the turbo switch which will combine the 2kW setting with a 1kW fan boost setting to give the total output of 3kw with fan boost.

Note that the fan and the neon on the Turbo switch will cycle on and off under the control of the thermostat – see 'Thermostat'.

Safety – overheat protection

For your safety, this appliance is fitted with a thermal cut-out. In the event that the product overheats, the cut-out switches the heater off automatically. To bring the heater back into operation, remove the cause of the overheating, then unplug or turn off the electrical supply to the heater for a few minutes. When the heater has cooled sufficiently, re-connect and switch on the heater.

Important Notes

Although this heater is manufactured to comply with the relevant safety standards, certain types of carpets could become discoloured by the temperatures under a portable heater. If you are concerned about this, we recommend that you contact the carpet manufacturer for guidance. Alternatively, either stand the heater on a suitable base to shield the carpet or wall-mount it – call our Helpline for further advice.

You may notice some parts of the element appearing to be hotter from time to time because of the variable airflow through the heater. This does not cause a safety hazard.

The heat outlet grille may become discoloured with use – this is caused by airborne pollution and is not a fault.

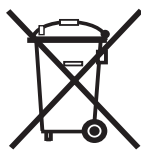
Cleaning and User Maintenance

WARNING – ALWAYS DISCONNECT FROM 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 into the heater.

Recycling



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 your Local Authority or retailer for recycling advice in your country.

After Sales Service

Your product is guaranteed for three years from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales information or assistance with this product please go to www.dimplex.co.uk where you will find our self help guide by clicking on “After Sales” or ring our helpdesk on 0844 879 3588 (UK) or 01 842 8222 (R.O.I.) .

Spare parts are also available on the website

www.dimplex.co.uk

Please retain your receipt as proof of purchase.



The 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

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