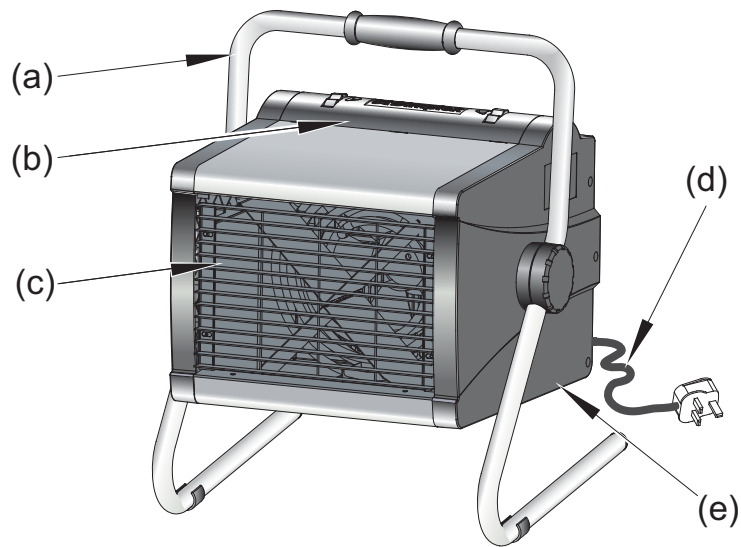
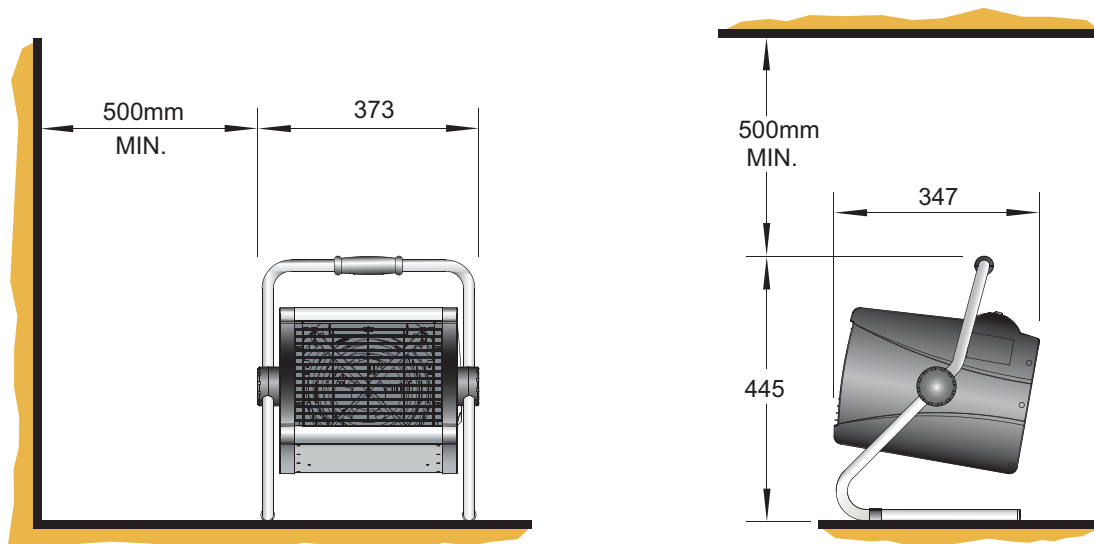


**CFP30**  
**3kW Industrial Fan Heater**

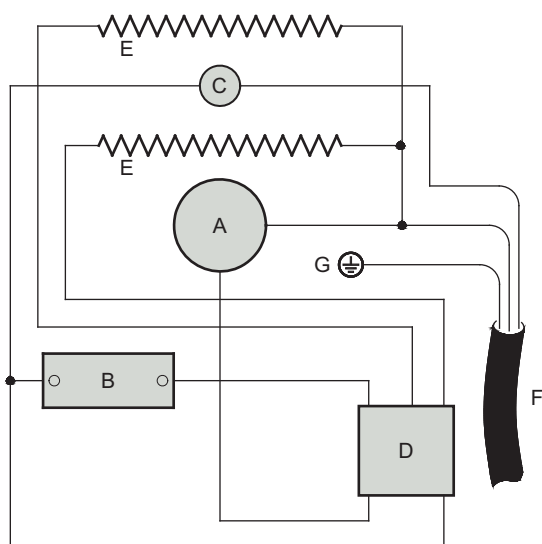
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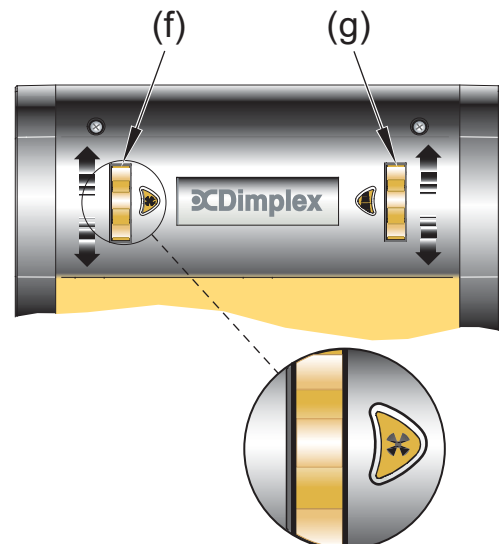
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3



4



# Dimplex Industrial Fan Heater

## Models : CFP30

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE

### Important Safety Advice

**DO NOT COVER OR OBSTRUCT** the air inlet or outlet grille.

**IMPORTANT – Disconnect** from the mains supply before carrying out maintenance work.

#### THIS APPLIANCE MUST BE EARTHED

This heater must not be located immediately above or below a fixed socket outlet or connection box.

Keep combustible materials such as drapes and other furnishings clear from the front, sides and rear of the heater.

The heater should always be used on a flat, stable surface.

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

**DO NOT** use this heater in areas where excessive dust exists.

**DO NOT** store or use any flammable materials or sprays in the vicinity of the appliance – **FIRE HAZARD**.

**DO NOT** insert any foreign objects into the appliance openings. Risk of injury, electric shock or damage to the appliance may occur.


**DO NOT** use the heater on deep pile carpets or the long hair type of rugs.

**DO NOT** operate the appliance with wet hands.

**DO NOT** use heater to dry your laundry.

**DO NOT** operate the heater with the mains lead overhanging the front outlet grille.

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

The heater carries the Warning symbol  indicating that it must not be covered.

The socket-outlet must be accessible at all times to enable the mains plug to be disconnected as quickly as possible.

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.

**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.**

Ensure proper manual handling procedures are observed at all times.

**CAUTION – 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.**

### General

Model	Loading (kW)	Current (amps)	Voltage (volts)
CFP30	3	13	~ 230 - 240

The industrial fan heater is a robust, heavy duty portable appliance. It is designed for use in garages, workshops and store rooms. A heat selector switch and thermostat gives a wide range of control.

Some of the appliance's features are highlighted in **Fig. 1**.

- Robust tubular frame for carrying the heater.
- Thermostat / Heat control housing.
- Metal air outlet grille.
- 2m long supply cable with 13amp plug.
- Impact resistant high temperature end mouldings.

### Electrical

The supply cable - see (d) in **Fig. 1** (3 x 1.5mm<sup>2</sup>) is specifically designed for this appliance. This cable should only be replaced by a similar cable supplied by the manufacturer.

If using an extension cable, ensure that this complies with local electrical regulations and is suitable for a 16A load.

See **Fig. 3** for details on Wiring Diagram.

- A - Motor
- B - Thermostat
- C - Thermal Safety Cut-out
- D - Heat/Fan Selection Switch
- E - Heating Elements
- F - Mains Lead & Plug
- G - Earth

### Electrical connection

This heater must only be connected to an **A.C.** supply. The supply voltage must correspond to the voltage shown on the heaters rating label. This heater is fitted with a plug incorporating a 13 amp fuse. When replacing the fuse, a 13 amp fuse approved by ASTA to BS 1362 must be used.


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

<b>BROWN :</b>	<b>LIVE</b>
<b>BLUE :</b>	<b>NEUTRAL</b>
<b>GREEN &amp; YELLOW :</b>	<b>EARTH</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.

### Operation

The heat output from this appliance is regulated using the rotating wheels shown in **Fig. 4**. By rotating these wheels, with the unit plugged in, various fan and heat setting may be obtained.

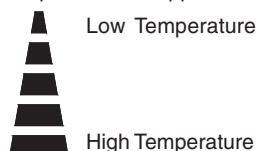
#### Function control wheel

With the function control wheel, (f) in **Fig. 4**, the settings shown below may be obtained;

-  Off
-  Fan only
- 1** Half Heat (1.5 kW) + Fan
- 2** Full Heat (3 kW) + Fan

#### Thermostat control wheel

The thermostat control wheel, (g) in **Fig. 4**, will adjust the temperature cut off point of the appliance.



Both heat and fan operation can be regulated by the thermostat.

The thermostat, (g) in **Fig. 4** enables a constant local ambient temperature to be maintained.

Turn the thermostat towards the back of appliance to the maximum setting and allow the heater to operate until the room temperature has reached the desired level.

Then turn back the thermostat until it 'just' operates. Cycling of the thermostat will then occur to maintain this ambient temperature.

With the function switch in the 1 or 2 position, the heat is regulated by the thermostat, whilst the fan continues to operate.

## Installation

The CFP30 heater is designed for free-standing use

**CAUTION:** DO NOT direct the air outlet grille, (c) in **Fig. 1**, towards the ground or wall (min 1m) when in the free-standing position.

## Thermal Safety Cut-outs

The power supply to the heating elements will be interrupted if one or a combination of the following abnormal events occur.

1. Air inlet or outlet grilles are obstructed.
2. Internal ventilation is impaired due to build up of dust and fluff.
3. Fan failure.

To reset the cut-out follow the procedures below :

1. Disconnect power supply.
2. Determine what has caused the cut-out to operate and rectify.  
( Note : This should only be undertaken by competent persons with experience of repairing electrical appliances and in full knowledge of the possible hazards involved ).
3. After a short period of time, with the appliance placed in a cool area, the cut-out will reactivate allowing electrical supply to be returned to the appliance thus permitting normal operation.

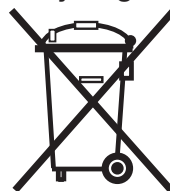
## Maintenance

**Warning - Disconnect the appliance from the mains supply before carrying out maintenance.**

This product is designed to require no maintenance. If operated in an extremely dusty environment it may however be necessary to carefully brush clean the rear air-inlet grille from time to time.

If the appliance is to be placed in storage for long time intervals, Dampness may penetrate the heating elements and with reactivation, EARTH FAULT BREAKERS may trip. This is not a fault and can be rectified by feeding the appliance using a source without an earth fault breaker until the elements have fully dried.

## 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.

## Cleaning

**WARNING : ALWAYS DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING THE HEATER**

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

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.

Ensure that dust or fluff does not accumulate inside the heater as this could lead to overheating of the element. Use a vacuum cleaner to remove any fluff which does accumulate.

## After Sales Service

Your product is guaranteed for one year from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge (excluding element & subject to availability) 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](http://www.dimplex.co.uk)** where you will find our self help guide by clicking on "After Sales" or ring our helpdesk on 0845 600 5111 (UK) or 01 842 4833 (R.O.I.) .

Spare parts are also available on the website

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

Please retain your receipt as proof of purchase.