

**AIRMASTER**  
HEATING & VENTILATION

# DOWNFLOW BATHROOM HEATER - 2kW

WALL MOUNTING - THERMOSTATIC CONTROL

220-240V~50Hz



INTERIOR  
USE ONLY



THERMAL  
PROTECTION



POWER  
CONSUMPTION



INGRESS  
PROTECTION



Product Code: **BFH2PC**

## INSTRUCTION MANUAL



 **CED ELECTRICAL GROUP**

UK: 44-48 Freshwater Road, Dagenham, Essex RM8 1RX, Tel: 0208 503 8500  
EU: CED 46 Rosemount Business Park Dublin. D11 K26W



**PLEASE READ THESE INSTRUCTIONS CAREFULLY - CHECK THE APPLIANCE BEFORE USE AND ENSURE IT IS FREE FROM ANY SIGN OF DAMAGE WHICH COULD OCCUR DURING TRANSPORTATION**

### IMPORTANT SAFEGUARDS

Before use, please read and follow these instructions carefully, even if you feel you are familiar with the appliance. They contain important information concerning the operation, safety and maintenance when using the appliance. Please retain these instructions for future use and reference.



**CAUTION** Do not use this appliance in a small room when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.



**CAUTION** To reduce the risk of fire, keep textiles, curtains or any flammable material a minimum distance of 1M from air outlet.



**CAUTION** Do not use the appliance if it has been dropped.

- Remove the appliance from its packaging and check to make sure it is in good condition before using. Do not use the appliance if there are visible signs of damage.
- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged 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 understanding the hazards involved.
- Children aged 3 years and less than 8 years shall not regulate and clean the appliance or perform user maintenance.
- This appliance is intended for household use only - do not use outdoors. The device is only intended for private and not for commercial use.
- This appliance is not suitable for continuous use.
- Do not place the appliance on or near any other source of heat.
- Do not locate the appliance below a socket-outlet.
- Do not use in places where there are gas, paint or other inflammable goods and objects.
- **Do not use the appliance in the immediate surroundings of bathtubs, showers, washing stands or swimming pools (ie: Do not use in zones 0, 1 or 2 - see Fig 1).**
- The appliance is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.
- Do not operate the appliance with a damaged cord. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- Use this appliance only as described in this manual. Any other uses not recommended by the manufacturer may cause fire, electric shock, or injury to persons and may void warranty. Always disconnect/ switched off the appliance when not in use.
- Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside.
- Do not insert or allow foreign objects to enter the ventilation or exhaust openings as this may cause an electric shock, fire or damage to the appliance.
- To avoid the risk of fire or electric shock do not remove the housing by yourself. Any servicing other than cleaning and user maintenance should be performed by an authorized service representative.
- Do not use this appliance with a programmer, timer or any other device that switches the appliance on automatically, since a fire risk exists if the appliance is covered or positioned incorrectly.
- There may be trace of odour during the first few minutes of initial use. This is normal and will quickly disappear.

**Warning:** In order to avoid overheating, **DO NOT COVER** the heater.



This quality product has been tested and certified to meet all applicable UK electrical and safety standards. For safety reasons, this appliance must not be used unless securely fitted to a wall.

**We recommend that this product is installed by a qualified Electrician.**

**Features:**

- 2 Heat settings: 1000W/2000W and cold blow setting
- Fan only setting
- Automatic thermal cut-out
- Overheating protection
- Pull-down activation cord
- Supplied with 0.6m cable

**Installation Instructions**

**Important: This appliance is designed only for wall mounting.**

1. Choose position carefully for mounting the appliance, enough space must be left around appliance. The appliance must be installed at least 1.8 metres above the floor, with 200mm clearance at either side.

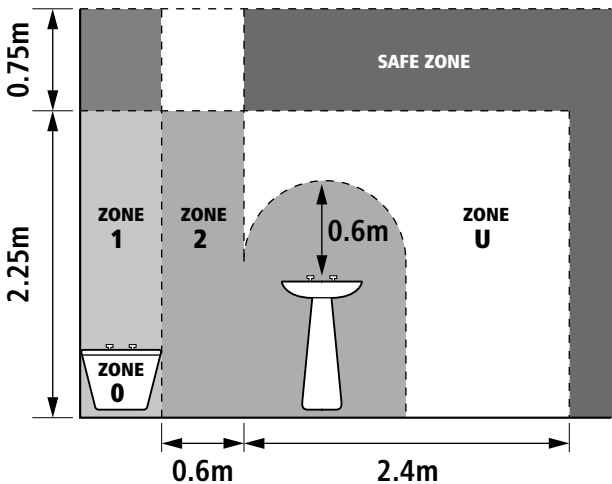
See illustration showing in Fig. 1 for which Zone(s) it is permissible to install this appliance.

**NOTE: DO NOT** install this appliance in Zones 0, 1 or 2. Please install it outside of these zones.

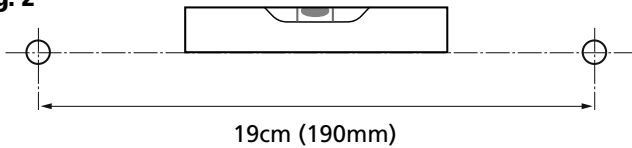
2. Check the wall to ensure there is no wiring, pipework etc in the area to be drilled. Drill two 8mm holes on the wall at a distance of 19cm on a horizontal line (Fig. 2).



**Fig. 1**



**Fig. 2**



Product Ref	Watts	Description	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
BFH2PC	2000W	Downflow Heater with 30 minute Timer	1.74	205	355	105

3. Insert the two wall plugs into the two holes, and then screw the two 35mm screws provided into the holes. (see Fig 3).

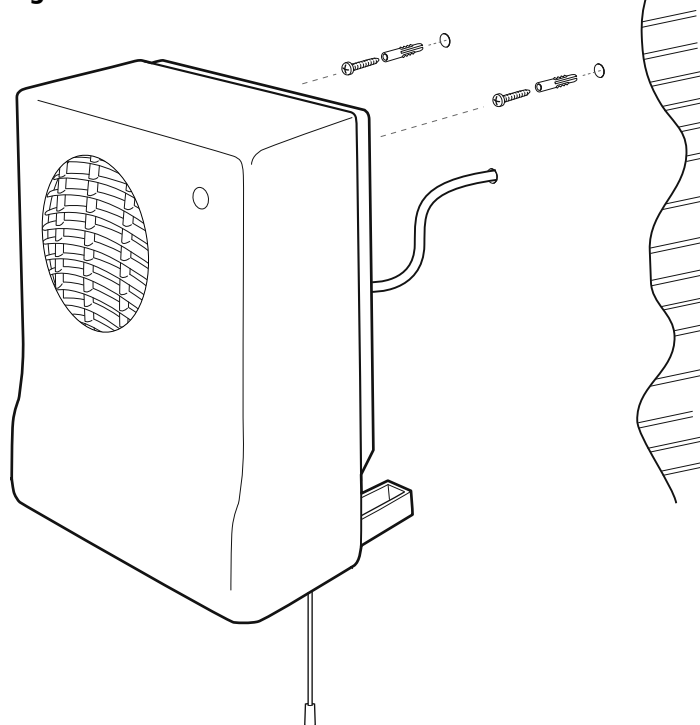
Do not screw these two screws fully home as the appliance will hang on them later. As a guide they need to be left protruding by about 3.5mm.

4. Hang the appliance on the two screws, using the keyhole slots. It may be necessary to mount and dismount the appliance a few times, slightly tightening and/or loosening the screws as required, to ensure a snug fit.
5. For the electrical connection isolate the mains supply and connect the electrical wires of this appliance to a suitable RCD protected fused connection unit according to the following colour code (see Fig 4):

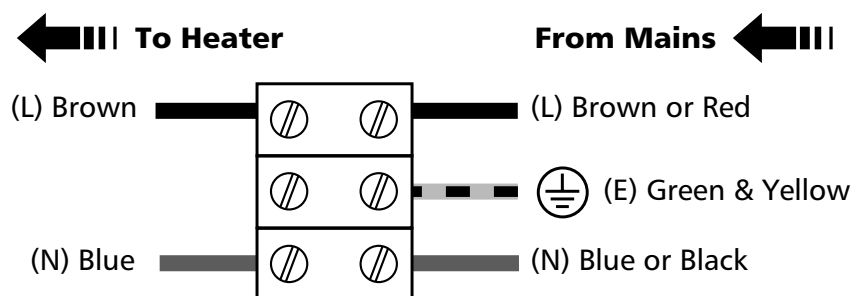
**Blue - Neutral**

**Brown - Live**

**Fig. 3**



**Fig. 4**



**IMPORTANT:** If in doubt, or if no suitable connection unit is available, consult a suitably qualified electrician.

### **Safety Control (Thermal Cut-Out).**

**CAUTION:** This product has two levels of overheat protection. Initial protection is afforded by re-settable overheat switch which, once the cause of the overheating has been removed and the appliance has cooled down, will allow continued use.

The secondary protection is a thermal fuse which CANNOT be reset by the user. In the event that the appliance suffers overheating, please shut down immediately by disconnecting the power. Remove any objects that may be causing the overheating, set the appliance switches to OFF and leave the appliance to cool down fully.

Once completely cool, switch the appliance back on as per the operating instructions. If it fails to work it could be that the secondary overheat protection device has operated - this overheat protection system cannot be reset by the consumer.

**Do not open this product.**  
**There are no user-serviceable parts inside.**

## Operating Instructions

- Pull the activation cord once for fan only
- Pull the cord twice for 1000W heat (Low)
- Pull the cord 3 times for 2000W heat (High)
- Pull the cord 4 times for off

**BFH2PC** comes complete with a pre-programmed 30-minute runback timer.

The user can activate the appliance by pulling the pull cord (output based on number of pulls), the appliance will then run for a period of 30 mins.

This countdown timer function also applies to the fan only setting as well as the 1KW and 2KW setting.

At the end of the runback period, the downflow appliance can be restarted by pulling the cord again (output based on number of pulls).

The operation of the appliance can be stopped at any time during the 30 minute runback period by pulling the cord to the off position.

**NOTE:** If the operation of the appliance has been stopped during a timed period then switched back on, the period will restart from the beginning.

## Care & Cleaning

1. The appliance should be cleaned regularly.
2. Isolate electricity supply and allow appliance to cool, wipe with a soft damp cloth. Do not use detergent or abrasives.
3. Do not scrape the surfaces with sharp hard tools.

## Disposal

In accordance with European Directive 2002/96/EG concerning waste electrical and electronic equipment (WEEE), please return any electrical equipment that you will no longer use to the collection points provided for their disposal.



This symbol indicates that the appliance cannot be treated as normal domestic waste, but must be handed to a collection point for where electric and electronic appliances are recycled

Information concerning where the equipment can be disposed of can be obtained from your local authority.



These instructions are made  
from recycled materials  
and are recyclable