



EH1644 / EH1644EU



2kW Convector Heater
Remote Control
3 Heat settings
Adjustable Digital Thermostat
Free-standing or wall mounting
24 Hour Digital Timer
Safety overload cut-out

IMPORTANT

Installer and Users please note:

These instructions should be read carefully and left with the user of the product for future reference.

INSTALLATION

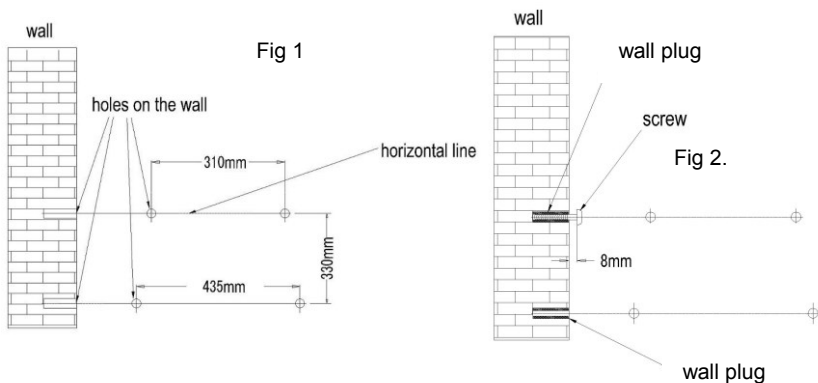
For free-standing use: attach the feet to the underneath of the heater using the four 12mm ($\frac{1}{2}$ ") screws. The feet fit over the pre drilled holes in the case approximately 95mm from the end of each side.

To wall-mount: Referring to the diagrams below, draw two horizontal lines on the wall 330mm apart, the lower line more than 50mm from the floor.

On the upper line, drill holes 310mm apart, using a 6mm ($\frac{1}{4}$ ") masonry bit, and insert a wall plug in each hole.

On the lower line, drill holes 435mm apart centred directly below the upper holes using a 6mm ($\frac{1}{4}$ ") masonry bit, and insert a wall-plug. See Fig 2.

Insert the 30mm screws into the upper holes and tighten to within 8mm of

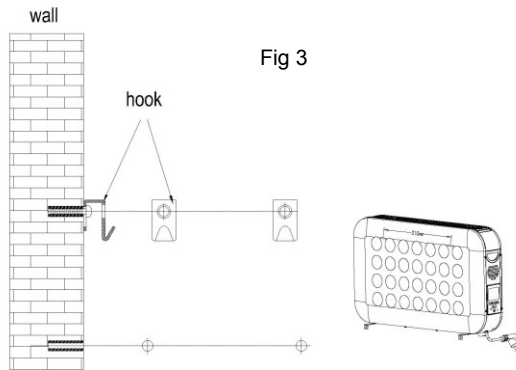


the wall. See Fig 2.

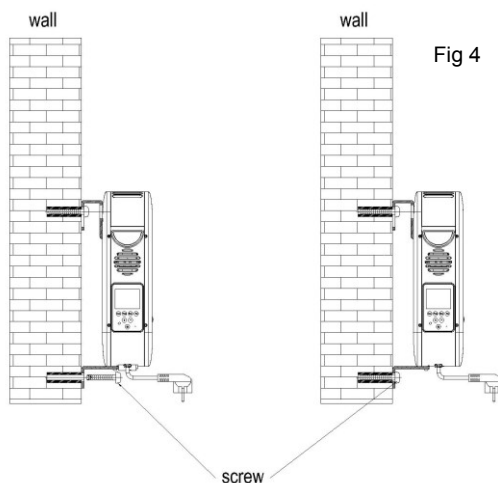
Slot the 2 hook brackets over the upper 2 screws and tighten to secure to the wall. See Fig 3.

Fix the two L-shaped brackets to the underside of the heater using the 12mm screws through the round hole in the bracket - the oval hole in the bracket locates over the screw that fixes the case together approximately 95mm from the case side at the rear of the unit.

Hang the heater on the hook-brackets using the two 25mm slots.



The L-shaped brackets will now line up with the lower holes in the wall. Attach to the wall using the other two 30mm screws. See Fig 4 below.



PRODUCT SAFETY

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance
- Place the EH1644/EU on a firm flat surface. Ensure that the air inlets (at the bottom) and the air outlets (at the top) are not obstructed.
- Ensure that curtains are at least 900mm from the top of the heater.
- Leave a gap of at least 50mm at the sides of the heater.
- If used free-standing, do not operate unless the feet are correctly attached.
- Do not place on soft surfaces.
- Do not cover. This symbol shown on the casing of the heater means that the heater should not be covered.
- Do not use outdoors.
- Do not use in bathrooms, or in wet or damp locations.
- Do not place the mains lead beneath a carpet or rug.
- Do not use the heater in locations where paint, petrol or other flammable liquids are used or stored.
- Do not insert any object into the heater through the grilles. This may damage the heater or result in overheating or electric shock.



PAT TESTING

When used in an office environment, this product should be safety-tested yearly by a qualified electrician (PAT Tested).

We recommend that it is PAT tested regularly when used in a domestic environment.

GENERAL SAFETY REQUIREMENTS

Domestic wiring must be tested periodically by a qualified electrician at least once every 10 years or at every change of occupancy.

For office and retail premises, and buildings such as village halls, the wiring must be inspected at least once every 5 years.

It is recommended that all building be fitted with smoke alarms (it is mandatory for new buildings).


OPERATION

Plug the mains lead into a 13 Amp mains socket.

If connecting via an extension lead, make sure that the lead is rated at 10 Amps or more, and that it is fully unwound.




Switch the unit on at the mains socket.


All the following controls can be operated via the control panel or the remote control.

Switch the unit on by pushing the On/Off button 

The unit will beep to show it is powered on and ready.

The display will show the room temperature.


To set the desired room temperature first press the Temp button  then the Plus  or Minus  Button to increase or decrease the desired room temperature. Holding the Plus or Minus buttons for approx. 3s will cause the display to change at a faster rate.

Select the required heating power by pushing the Heat button  then the Plus and Minus buttons. The power options are as follows;

Eco = 750W the unit will beep once.

Comfort = 1250W the unit will beep twice.

Super = 2000W the unit will beep three times.

The fan can be operated at any time by pressing the Fan  Button,



pressing once will turn the fan on and again will turn it off.


The heater will now operate at the desired power level till the set temperature is reached, the unit will turn off and only turn on again if the temperature drops below the set level.

Do not touch the air output grille when the heater is in operation, because it will be hot and may cause burns.

If the unit is switched off at the panel or the mains supply the settings will revert to their default values (Temp = 24°C, Timer = OFF, Heater = OFF).

Unplug the heater from the mains when not in use.

USING THE TIMER

To operate the unit on the 24 hour timer the unit must be plugged in and a power setting, temperature selected. If the unit is turned off at any time the clock will stop and reset. The timer is a simple count down timer and will count down from the set time till zero (between 30min and 24 hours) when it will turn off the heater. To set the timer press  Timer Button then the Plus or Minus buttons to increase or decrease the required operating time in 30 minute steps. The unit will then operate for the set time, the timer on the display will count down to zero then turn off,

USING THE THERMOSTAT

The thermostat can be used to regulate the room temperature between 5°C and 37 °C.

Turn on the heater and set to maximum power and maximum temperature. The heater will then operate at maximum output. When the desired temperature is reached reduce the Temperature setting on the display by pushing the Temp button and then the minus button till a click can be heard. The heater will then switch on and off to keep the room at the desired temperature. Either the "Eco-750W", "Comfort-1250W" or the "Super-2000W" setting may be used.

If the temperature control is set to 5 °C, it will operate as a "frost-stat" and switch the heater on if the temperature drops below 5°C, preventing damage by frost.

OPERATING COSTS

At time of going to press, the average cost of electricity is £0.12 per unit (kilowatt-hour). The amount you are being charged will be shown on your electricity bill.

At this cost, the EH1644/EU will cost £0.09 per hour to run on the "750W" setting, £0.12 per hour to run on the "1250W" setting and £0.24 per hour to run on the "2000W" setting with the thermostat set to its maximum.

If the thermostat is used to regulate the temperature the operating costs will be lower, depending on the room temperature.

FAULT-FINDING

The EH1644/EU has an overheat protection switch, which disconnects the power if the element gets too hot. The usual reason for this is because the air-flow has been obstructed, or the grilles have been blocked. If the heater ceases to operate, leave it for 20 minutes to cool down, then check that the grilles are not being obstructed.

Switch back on, and check that the unit is operating normally. If not, contact an authorised service agent for repair.

If the unit is turned off at any time the thermostat will reset to 24°C, if the room temperature is above this level the unit will not operate. Adjust the thermostat to the desired temperature.

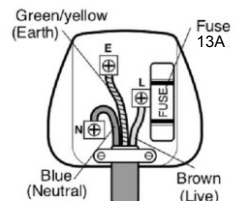
MAINTENANCE

Before cleaning, turn the heater off, and disconnect from the mains supply. The heater may then be cleaned using a damp cloth with a drop of washing-up liquid to remove any dust or dirt from the case. Do not use stronger detergents or solvents as these may damage the paint finish.

Using a dry 1" (25mm) paint-brush, remove any dust from the grilles.

If the mains lead is damaged, it must be replaced by the manufacturer or an authorised service centre. If the mains plug needs to be replaced, proceed as follows:

- Connect the brown wire to the terminal labelled "L".
- Connect the blue wire to the terminal labelled "N".
- Connect the green/yellow wire to the terminal labelled with the earth symbol or "E".
- Make sure that the cord-grip is positioned correctly (over the outer sheath of the cable) and it is fully tightened.



DISPOSAL AND RECYCLING

You must not dispose of this appliance with domestic household waste.

Most local authorities have specific collection system for appliances and disposal is free of charge to the end-user. When replacing an existing appliance with a similar new appliance your retailer may take the old appliance for disposal.

TECHNICAL SPECIFICATION

Dimensions (wall mounting):	590×335×95mm
Dimensions (floor standing):	590×380×210mm
Weight:	3.7kg
Power supply:	230V ~
Power consumption:	2000W
Operating current:	8.7A

SERVICE WARRANTY

Prem-i-Air guarantees the product free from defects in materials and workmanship for a period of one year.

Should this appliance be operated under conditions other than those recommended, at voltages other than the voltage indicated on the appliance, or any attempts made to service or modify the appliance, then the warranty will be rendered void.

The product you buy may sometimes differ slightly from illustrations. This warranty is in addition to, and does not affect, your statutory rights.

If you have any problems with this product, please call our Help Desk on (0845) 459 4816.

Prem-i-Air Appliances Ltd.,
Lancots Lane,
Sutton,
St. Helens,
Merseyside.
WA9 3EX