



WARNING

Children of less than 3 years should be kept away from the heater 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 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 THE PRODUCT CAN BECOME VERY HOT AND CAUSE BURNS.

PARTICULAR ATTENTION HAS TO BE GIVEN WHERE CHILDREN AND VULNERABLE PEOPLE ARE PRESENT.

eterna.

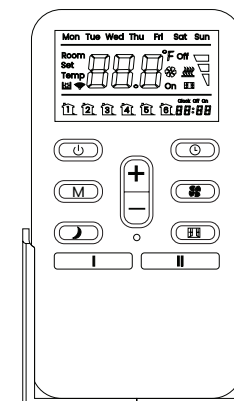
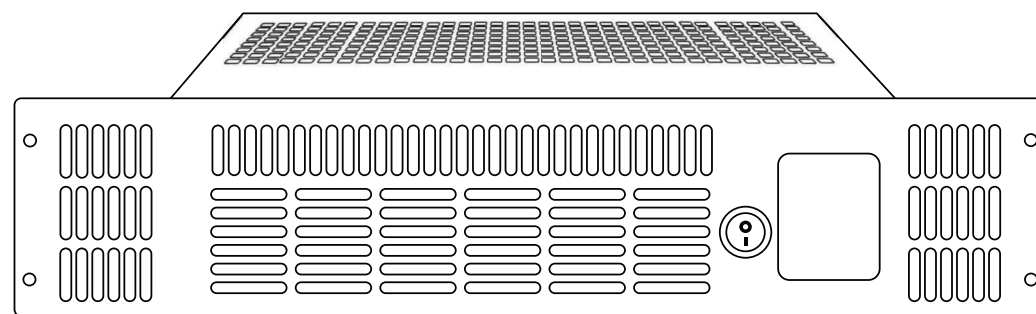
INSTALLATION INSTRUCTIONS



Scan QR code
to go to web page

E12PH2R

Plinth Fan Heater 2kW with Remote Control Thermostat



EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective February 2014). Environment Agency Registered Producer: WEE/GA0248QZ.

When your product comes to the end of its life or you choose to replace it, please recycle it where facilities exist – do not dispose with household waste.

REPLACEMENT BATTERY TYPE:

2x AAA Batteries (not included)

BATTERY REPLACEMENT:

Insert 2x AAA batteries observing correct polarity (+/-).

Do not mix old and new batteries.

Do not mix battery types.

Remove batteries if not in use for long periods.

Dispose of batteries safely in accordance with local regulations.

CLEANING:

Disconnect the power and clean the exterior only of this fitting with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.



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Issue 0626

Email: sales@eterna-lighting.co.uk / technical@eterna-lighting.co.uk
Visit our website: www.eterna-lighting.co.uk

Made in China

Pack contents: Plinth heater, Remote control, Brown and white fascias, Install guide

A guide for qualified electricians

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

Suitable for indoor use only.

This product is only suitable for use in living areas (not for areas constantly subject to moisture).

WARNING: This product becomes hot!

This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

The chosen location of your new heater should allow for the product to be securely mounted and safely connected to the mains supply.

WARNING: To avoid overheating, do not cover the heater.

Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

If the location of your new heater requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations.

This product is designed for permanent connection to fixed wiring via a fused spur (with a 13 Amp fuse).

We recommend that the supply incorporates a switch for ease of operation.

Make connections to the electrical supply in accordance with the following code:

- Live – Brown or Red
- Neutral – Blue or Black
- Earth – Green and Yellow

This product must be connected to Earth.

If the external flexible cable of this heater is damaged it should be replaced or repaired by a qualified person.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations

INSTALLATION:

- 01. Cut a hole in the plinth board, to the dimensions given in Figure 2. The dimensions are 500mm wide x 100mm (min) high plinth. If the appliance is to be fitted into a plinth greater in length than specified then the hole shown in Figure 2 must be cut at least 22mm from one end.
- 02. The appliance can be passed through the plinth board, until the fascia panel sits on the outside of the plinth board. (the heater should be resting on all four feet to prevent vibration) and secure the fascia panel to the plinth board with the screws provided
- 03. Connect the unit to the mains power supply in accordance with the colour code above
- 04. Restore the power supply.
- 05. To remove the appliance from the plinth space should maintenance be required, disconnect the mains power supply, unscrew fascia panel and slide out the appliance.

Figure 1. (Min. Cupboard Size)

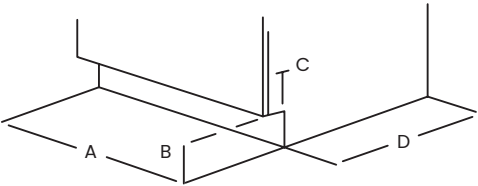
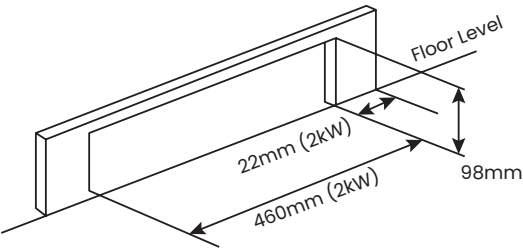


Figure 2. (Mounting Hole)



A – Width	500mm
B – Plinth Height	120mm
C – Base shelf overhang	75mm (max.)
D – Depth	500mm

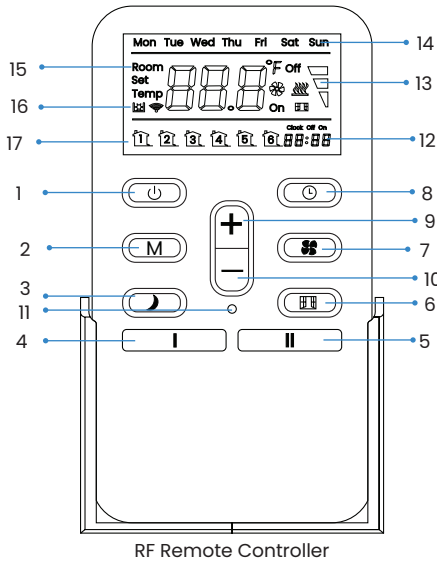
SPECIFICATION:

Voltage: 230V/240V~ 50Hz

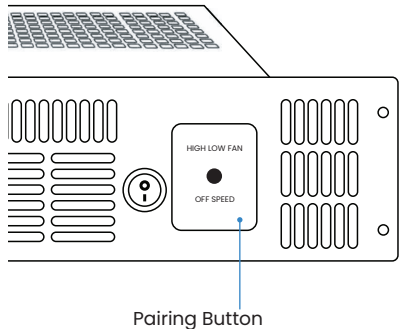
Maximum power output: 2000W

Switch positions: two heat power settings 1000/2000W

THE CONTROLS:



- 1. On/Off
- 2. Memory
- 3. Time period
- 4. Heat low setting (running 2 bars on screen)
- 5. Heat high setting (running 3 bars on screen)
- 6. Open window
- 7. Fan function
- 8. Clock
- 9. Adjust up



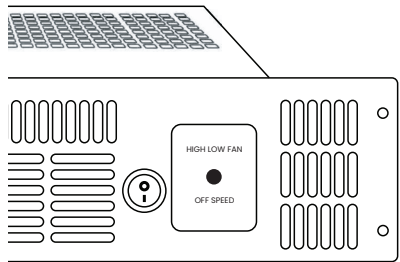
- 10. Adjust Down
- 11. Indicator light of low battery
- 12. Time of day
- 13. Heater on/off
- 14. Day of week
- 15. Room temperature
- 16. Frost function
- 17. On/Off period

CONTROLS AND OPERATION:

Pairing Function

- 01. Remote controller paired with heater, connect the power on the heater.
- 02. Press and hold the pairing button on the heater for 4 seconds, 3 red lights on heater will now flash, then starting with the screen switched off.
- 03. Press the on/off button (1) on the remote controller, then the red lights stop flashing.
- 04. At the same time, there is a signal sign on the remote controller means pairing successful.
- 05. Remote controller can control the heater.

Switch on Front of Plinth Heater



- 01. Press button once and the fan will blow cold air.
- 02. Press button two times and the fan will blow warm air.
- 03. Press button three times and the fan will blow hot air.
- 04. Press button four times and the heater will go into standby mode.
- 05. Heater can be turned off using the main switch on heater fascia panel.

The Heater Remote has 2 Main Functions

- 01. Manually turn the unit on and off and adjust the room temperature.
- 02. Programmer has 3 fixed time periods with individual temperature settings.
- 03. The remote controller also has built in frost protection and an open window sensing, which means the product shuts down when a window is open to save energy.
- 04. Mount the wall bracket for the remote thermostat controller 1.3 to 1.5 above floor level.

Frost Function

If the ambient temperature is under 5 °C the thermostat calls for the heater to start working and the frost symbol (16) will flash. Above 7 °C it stops working and the symbol will stop flashing.

Open Window Function

If you want to turn on this function, press button 6 and the open window symbol will appear on the screen. If the ambient temperature drops 5 degrees in 15 minutes the heater will stop working and the open window symbol will flash.

You will need to press button 1 twice on remote controller the heater to work again (Energy saving function)

To cancel this function, Press button 6, the open window symbol will disappear from the screen

Fan Function

Press button 7, the symbol in screen will change from heat to fan symbol which opens the fan function.

This means the thermostat has been bypassed, you can manual or use remote controller to adjust to only fan mode.

Press on/off, button 1 and the fan function will be closed and restore to the previous settings of heating, the symbol in screen will change from fan to heat.

If you haven't closed this function before 24:00, It will be restored to previous settings automatically at 24:00.

RF Remote Thermostat and Heater, Controller

When the remote controller operates on temperature it sends an RF signal to the heater to switch the heater

ON/OFF.
A Wi-Fi signal will appear on the remote control; the remote control and heater is paired and connected (normal working).
The working distance between the remote controller and heater is about 15 meter without any obstruction.

Pairing Function

To pair the remote control with the heater:
Press and hold the pairing button on the heater for 4 seconds, 3 red will now flash. Then starting with the screen on the remote control switched off, press the on/off, button 1, on the remote control. The red light will stop flashing.
At the same time, there will be a Wi-Fi sign on the remote control which means pairing successful.

Setting Time of Day

- 01. Press the ON/OFF button to switch on the unit
- 02. Press the clock button 8 and release. The hour display on the time will now flash. Adjust the hour display using the adjust up and down buttons 9 and 10.
- 03. Press the clock button again. The minute display will now flash, adjust using the up and down adjust buttons 9 and 10.
- 04. Press the clock button again. The day of the week display will now flash. Change the day using the adjust up and down buttons 9 and 10.
- 05. Once complete press the memory button 2.

Setting the On and Off Times

This remote control has two period settings per week, Mon-Fri and Sat-Sun.
Each period has 3 on and off settings which allow you to set the amount of time you want the unit to be switched on and the temperature you require the room to be at.
During the off periods, you also must set the minimum temperature you require the room to reach to a minimum frost protection setting of 5°C.

All times must be different. You cannot have 2 identical times.
All times must be in the same 24-hour period.
All times must be later than each other. You cannot have a time earlier than the one you have just set.
All off periods must have a temperature set (e.g. 10°C).

Example

	Action	Time	Temp
Setting 1	Switch ON	7:30	22°C
Setting 2	Switch OFF	9:00	12°C
Setting 3	Switch ON	12:00	18°C
Setting 4	Switch OFF	13:30	12°C
Setting 5	Switch ON	17:00	20°C
Setting 6	Switch OFF	22:30	5°C

Attention:
This programmable remote control has no shutdown cycle.
When the time is at the temperature of a certain period, the target temperature is the set temperature of the period, when the ambient temperature is lower or higher than the target temperature, the heater is turned on or off, and the process is repeated.
Over time, it moves to the next temperature period, and so on.

The closest way to turning off thisprogrammable thermostat is to set the target temperature for the selected cycle to 5°C, so that the heating will not be turned on unless the temperature drops lower than the setting temperature.
If the remote controller loses connection with the heater during operation, the connection will be restored automatically within 1 minute.

- 01. Starting with the screen switched off, press button 1 then button 3. A house at the bottom of the screen will now be showing.
- 02. Press and hold the memory button (button 2), for 5 seconds. When the screen starts to flash release the button, the first ON/OFF period for Mon-Fri will now start to flash. (House 1)
- 03. Now press button 3, the room temperature display will now flash. Use the up and down button to set the room temperature you require during this time.
- 04. Press the clock button (button 8). The time of day- display will now flash this is the time that the first time period will begin. Adjust the hour displayed using the adjust up and down buttons (buttons 9 & 10)
- 05. Press the clock button (button 8) again. The minute display will now flash, adjust using the up and down adjust buttons (buttons 9 & 10)
- 06. Now press the clock button 8 the second time setting will flash (house 2) this is to set the time you want to end the first time period and the beginning of the second period. Press the time period button 3, the room temperature display will now flash, use the up and down buttons to set the room temperature required during this next time period. (e.g. 7°C).

- 07. Press the Clock button (button 8). Adjust the hour display using the adjust up and down button
- 08. Press the clock button again. The minute display will now flash, adjust using the up and down adjust buttons
- 09. To set the time settings 3,4,5 & 6 Repeat processes 6, 7 and 8 to set the remaining ON/Off time periods for Mon-Fri
- 10. Once setting 6 is completed press the clock button (Button 8) again. Sat-Sun will now start to show. Repeat processes 6, 7 and 8 to set the on/ off periods.
- 11. Once all time periods have been set, press the on/ off button to save (Button 1)

Note: Restore the factory settings, Press and hold on/ off button (button 1) 10 seconds.

Automatic Operation

To run the system in automatic mode, from a power off position

- Switch the heater unit to the ON position if it has a separate switch
- Press the power ON/OFF button on the controller
- Press the Time Period button (button 3). A house will now appear at the bottom of the screen.
- The unit will now run in automatic mode until either the controller is turned off or switched to manual operation.

Manual Operation

To run the heater manually from a Power Off position

- Press the power ON/OFF button on the controller to switch the unit on. The unit is now in the manual function
- To set the ON/OFF room temperature use the Adjust Up and Down buttons
- Manual running will automatically switch off at midnight
- Press the power ON/OFF button on the controller to switch the unit off
- If you want to switch the heater to automatic function press the Time Period Button (button 3)