



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 THIS PRODUCT CAN BECOME VERY HOT AND CAUSE BURNS. PARTICULAR ATTENTION HAS TO BE GIVEN WHERE CHILDREN AND VULNERABLE PEOPLE ARE PRESENT.

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 2nd January 2007). 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.

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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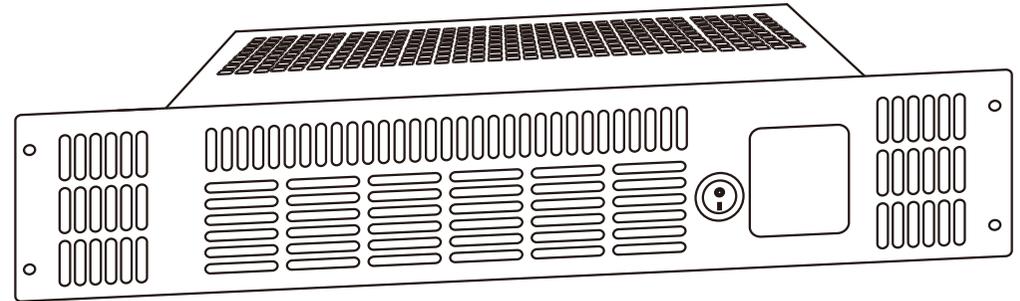
INSTALLATION INSTRUCTIONS

E12PH2

Plinth Heater 2KW with RF thermostat and remote control



Scan QR code to go to web page



Pack contents: Plinth heater, RF Thermostat, Remote Control, Brown and White Fascias, Install guide

A guide for qualified electricians

Email: sales@eterna-lighting.co.uk / technical@eterna-lighting.co.uk

Visit our website: www.eterna-lighting.co.uk

Made in China

Issue 0121

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.

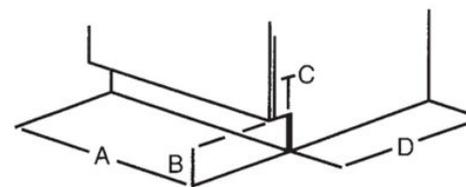
SPECIFICATION:

Voltage: 230V/240v-50Hz

Maximum power output: 2000W

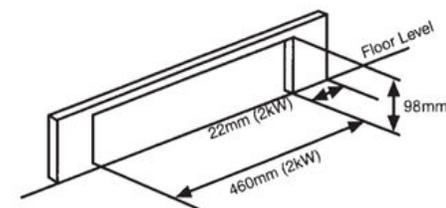
Switch positions: two heat power settings 1000/2000W

Figure 1. (Min. Cupboard Size)

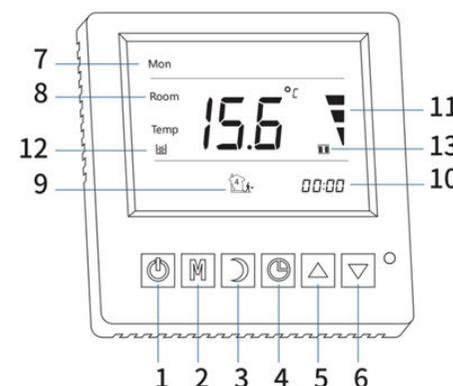


A-Width	500mm
B-Plinth height	120mm
C-base shelf overhang	75mm(MAX)
D-depth	500mm

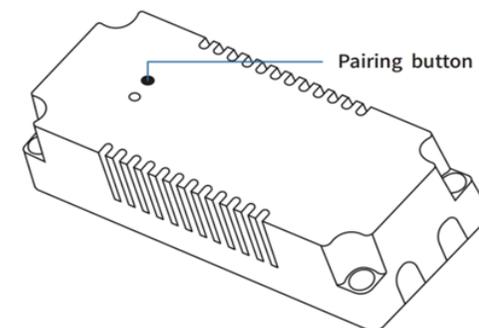
Figure 2. (Mounting Hole)



The controls:



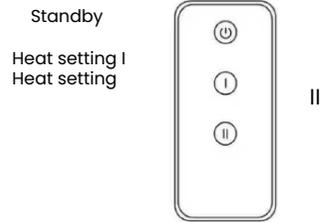
1. On/Off
2. Memory
3. Time period
4. Clock
5. Adjust up
6. Adjust down
7. Day of week
8. Room Temperature
9. On/Off period
10. Time of Day
11. Heater on/off
12. Frost
13. Open window



Controls and Operation

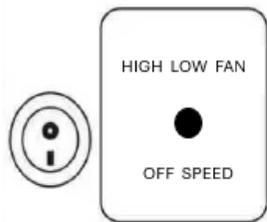
- 1) Firstly, switch on the main switch on front fascia panel of plinth heater
- 2) To operate the plinth heater by remote control

Remote control



Press the standby button once and fan will start running and blow cold air
Press I button and plinth heater will blow warm air
Press II button and plinth heater will blow hot air
Press standby again and the heater will be in standby mode.
Please note the fan will run on for 30 seconds after turning off to cool the heater and prevent overheating.

Switch on front of plinth heater



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

Thermostat Install

Install the thermostat 1.2M from floor level, avoiding areas of draft or direct sunlight.
Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.
If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the latest edition of the IEE wiring regulations.

1. Remove the plastic fascia from front of thermostat back housing by inserting a small screwdriver into the two tabs at bottom of the unit
2. This exposes two fixing holes, make the connection of the power supply according to the wiring code above and symbols on thermostat.
3. Secure back housing into a suitable 1 gang wall box using the screws provided
4. Then gently replace plastic fascia; so as not to damage the fixing tabs
5. Restore power once full installation of both thermostat & receiver is complete

Thermostat Controller and RF Receiver

When the thermostat operates on temperature, it sends an RF signal to the receiver to switch the heater ON/OFF. There is a LED indicator on the receiver case. If the indicator light is Green it means the thermostat and receiver is paired and connected (normal working).

If the indicator light is Red it means the thermostat and receiver have not connected.
The working distance between the thermostat and receiver is approx. 50 meters without any barrier.
If the power from the heater controller is cut, the RF Receiver stop working in 3 minutes.

The heater controller has 2 main functions

1. Manually turn the unit on and off and adjust the room temperature
 2. Programmer has 3 fixed time periods with individual temperature settings
- The thermostat 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.

Frost function:

If the ambient temperature is under 5 °C the thermostat calls for the heater to start working and the frost symbol 12 will flash. Above 7 °C it stops working and the symbol will stop flashin

Open window function:

If you want to turn on this function, press and hold buttons 5 and 6 together for 5 seconds. The open window symbol 13 will show 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.
To cancel this function, press buttons 5 and 6 together 5 seconds, the open window symbol 13 will disappearance from the screen.

Cooling Fan Override Mode

Press and hold button 2 and button 3 together for 5 seconds, the Heat symbol will be displayed on the screen will change from Heat to a fan symbol you have now opened the cooling override mode, This means the thermostat has been bypassed and lost temperature control of the heater, You can use manual controls on the heater or use remote control to adjust to fan only mode. Press on/off button 1 on the thermostat to close and restore to the previous settings of heating. The symbol on screen will change from fan to heat. If you haven't closed this mode before 24:00, it will be restored to previous settings automatically.

Pairing function

To pair the Thermostat controller with RF Receivers, press and hold the pairing button on the top of RF Receivers for 4 seconds, the red light will now flash.
Press the on/off - button 1 on the thermostat controller, the flashing red light on RF Receiver will change to green.

At the same time, the Wi-Fi signal sign will appear on the thermostat screen. If you want cancel the pairing, press and hold the black pairing button on the top of RF receiver for 4 seconds and release. The red light will start to flash. Then press and hold the black pairing button for 4 seconds again. The red light will stop flashing; which means the pairing has been successfully cancelled.

Setting Time of Day

1. Press the ON/Off button to switch on the unit
2. Press the clock button 4 and release. The hour display on the time will now flash. Adjust the hour display using the up and down buttons 5 and 6.
3. Press the clock button 4 again. The minute display will now flash, adjust using the up and down buttons 5 and 6.
4. Press the clock button again. The day of the week display will now flash. Change the day using the up and down buttons 5 and 6.
5. Once complete press the memory button 2

Setting the On and Off Times

This controller 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.

Note: All times must be different. You cannot have 2 identical times.

All times be in the same 24hour period.

All times must later than each other. You cannot have a time earlier than the one you have just set.

All off periods must have a set temperature (eg 10 °C).

Example

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

Attention:

This programmable thermostat 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 this programmable 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.

1. Press button 1 then button 3. A house at the bottom of the screen will now be showing.
2. Press and hold the Memory 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)
3. Press button 3, the room temperature display will flash. Use the up and down buttons 5 and 6 to set the room temperature you require during this time period.
4. Press the clock button 4. The time of day display will flash; this is the time that the first time period will begin. Adjust the hour displayed using the up and down buttons 5 and 6.
5. Press the clock button 4 again. The minute display will flash. Adjust using the up and down buttons 5 and 6
6. Press the clock button 4. 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 5 and 6 to set the room temperature required during this next time period (e.g. 7°C).
7. Press the clock button 4. Adjust the hour display using the up and down buttons.
8. Press the clock button again. The minute display will now flash, adjust using the up and down buttons 5 and 6
9. To set the time settings for the remaining settings (setting 3-6 above chart), repeat steps 6, 7 and 8 to set the remaining ON/Off time periods for Mon-Fri.
10. Once setting house 6 is completed press the clock button 4 again. Sat-Sun will now start to show. Repeat steps 6, 7 and 8 to set the on/off periods.
11. Once all time periods have been set, press the on/off button 1 to save.

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

Automatic Operation

To run the system in automatic mode, from a Power Off position

1. Switch the heater unit to the ON position
 2. Press the power ON/OFF button on the controller
 3. Press the Time Period 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

1. Switch the heater unit to the ON Position if it has a separate switch
2. Press the power ON/OFF button on the controller to switch the unit on. The unit is now in the manual function.
3. To set the ON/OFF room temperature use the up and down buttons. Manual running will automatically switch off at midnight.
4. 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 3