



WARNING!

This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

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:

Clean this fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

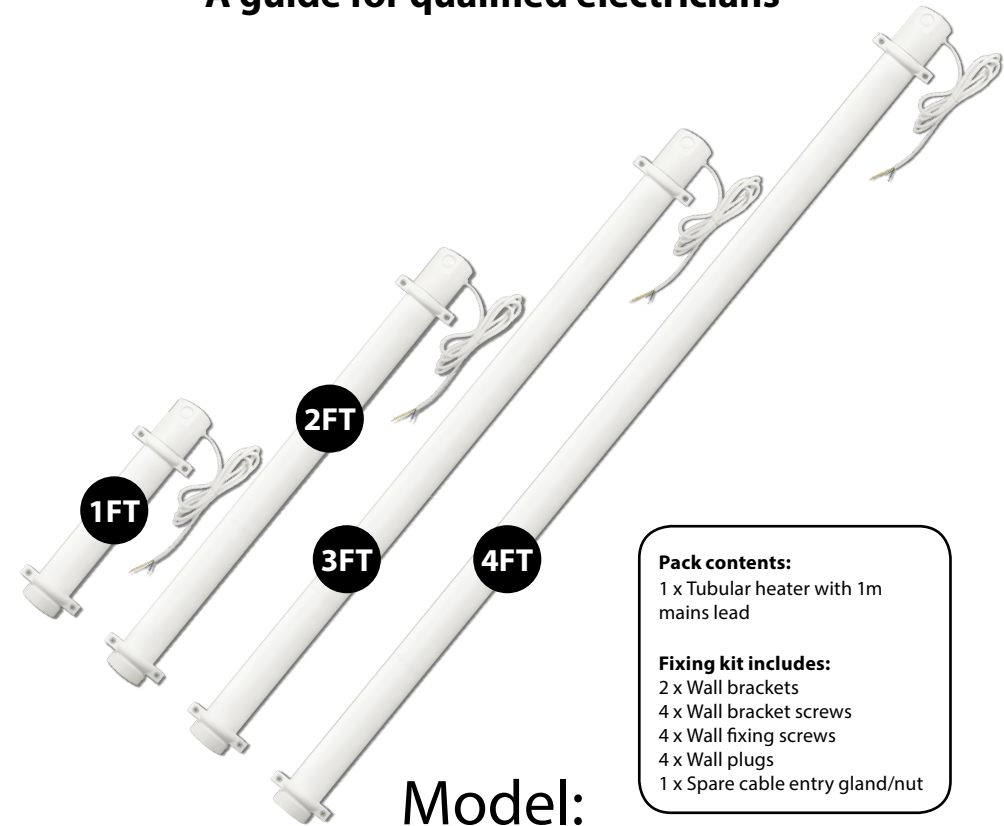
If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

Eterna

Everyday Lighting For Professionals

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:

1 x Tubular heater with 1m mains lead

Fixing kit includes:

2 x Wall brackets
4 x Wall bracket screws
4 x Wall fixing screws
4 x Wall plugs
1 x Spare cable entry gland/nut

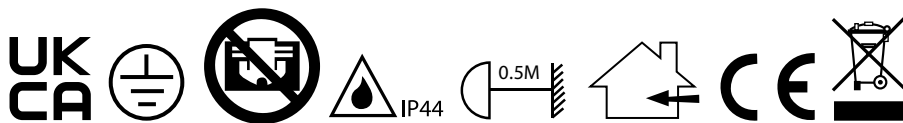
Model:

TH1, TH2, TH3, TH4

Tubular Heater With 1m Pre-wired Cable

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE USING YOUR NEW FITTING
PLEASE RETAIN FOR FUTURE REFERENCE**



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

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

Made in China

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READ THIS FIRST:

This heater is designed as a low wattage solution for localised background heat and frost protection, it is not a general purpose room heater.

If the heater is to be used continuously it must be used with a thermostat to control the switching operation. Otherwise continuous use will overuse the thermal cut-out safety feature which is designed to protect the heater, not to control room temperature.

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. Using this fitting in any other environments may result in a shortened working life.

This product is designed for wall mounting and must be used horizontally this heater should not be used vertically and should not be used as a free standing portable appliance.

If the heater is to be installed in a location where it may be touched or handled, or could cause injury, we recommend fitting a protective guard (available from Eterna).

The mounting position should allow the free movement of air around the heater. Obstructing the air flow could result in overheating.

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

This unit is suitable for indoor use only.

This product is not suitable for bathroom use.

This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and 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.

Make sure that the fixings are strong enough to support the considerable weight of the fitting and hold it rigidly.

Do not site the heater directly beneath a mains outlet socket.

This product must be connected to earth termination.

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

This tubular heater 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.

Small children should be supervised to ensure that they do not play with this tubular heater.

If you have made a fixed connection to the mains, 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 current IEE wiring and building regulations.

When first used, there may be a burning off of excess sealant. This will only occur on first use.

INSTALLATION - SINGLE HEATER:

- 1) Choose the location for your new heater giving consideration to all of the points above.
- 2) Fit the mounting brackets on to the fitting and slide towards each end of the heater. (See opposite for assembly diagram).
- 3) Hold the heater against the mounting surface and mark the position of the fixing holes.
- 4) Remove the mounting brackets.
- 5) Use a spirit level to check holes are level.
- 6) Make fixing holes using an appropriate sized drill bit.
- 7) Insert the plastic plugs and secure the bottom part of the bracket using the screws supplied. If the screws supplied are not appropriate for your installation, choose suitable alternatives.
- 8) Rest the heater onto the mounting brackets and secure in place.
- 9) Make connections to the electrical supply in accordance with the following code:

Live - Brown or Red
Neutral - Blue or Black
Earth - Green and Yellow
- 10) Restore the power supply and switch on.

INSTALLATION - MULTIPLE HEATERS:

- 01) Follow the directions for fitting a single heater. See below diagram for minimum spacing distances between heaters.
- 02) Loosen the gland nut on the mains supply cap.
- 03) Take out the screw at the end of the heater and slowly slide off the mains supply cap, taking care not to pull the wires out of the terminals. Ease the cable through the gland nut as you do this.
- 04) Remove the top knockout on the mains supply cap and fit the spare cable gland nut. The gland nut should be inserted with the short thread entering the cap and the large nut remaining on the outside.
- 05) Tighten the gland nut securely but take care not to over tighten.
- 06) Check the length of cable required between the two heaters and cut to length giving sufficient spare cable to enter the first heater.
- 07) Loosen the small section of the new cable gland nut and thread the cable through.
- 08) Strip back the cable end with approximately 25mm of coloured insulation showing and approximately 5mm of bare conductors.
- 09) Make the connections to the heater making sure that both supply and through connections are secure and that there are no strands of wire protruding from the terminal block.
- 10) Secure the spare cable clamp in position.
- 11) Secure the mains supply cap back in position threading both cables back through the gland nuts.
- 12) Tighten the gland nut assemblies.
- 13) Secure the cable between the two heaters. Make sure that the cable does not rest on top of the heater.
- 14) Repeat for each additional heater.
- 15) A maximum of 1000 Watts total may be connected together. Add together the total Wattage of all interconnected heaters and ensure the maximum is not exceeded.
- 16) If daisy-chaining heaters together, the fuse in the spur may need to be changed:

For Wattages up to 600, a 3A fuse must be fitted.
For Wattages over 600, a 5A fuse must be fitted.

