

### 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.



### 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.

**If in doubt, consult a qualified electrician.**



## SAFETY AND INSTALLATION INSTRUCTIONS



**Pack contents:**  
Tubular heater x 1

**Fixing kit including:**

- Wall brackets x 2
- Fixing screws x 8
- Wall plugs x 4
- Spare cable entry gland/nut x 1
- Cable clamp x 1
- Cable clamp screws x 2

Model:

**TH1FT060, TH2FT120,  
TH3FT180, TH4FT240**

**Tubular Heater**

These instructions are provided as a guideline to assist you.

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

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### FOR PRODUCT ADVICE:

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[www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)

## General Information & Cleaning:

### 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.

#### **If in any doubt, consult a qualified electrician.**

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 use with the plug supplied or 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: This product becomes hot! To avoid overheating do not cover this 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.

#### **If in doubt, consult a qualified electrician.**

### CLEANING:

Clean this product only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

## Installation:

### INSTALLATION:

#### SINGLE HEATER

- 01) Choose the location for your new heater giving consideration to all of the points above.
- 02) Fit the plastic clips onto the fitting and slide towards each end of the heater. (See below for assembly diagram).
- 03) Hold the heater against the mounting surface and mark the position of the fixing holes.
- 04) Remove the plastic clips.
- 05) Use a spirit level to check holes are level.
- 06) Make fixing holes using an appropriate sized drill bit.
- 07) Insert the plastic plugs and secure the bottom part of the clip using the screws supplied. If the screws supplied are not appropriate for your installation, choose suitable alternatives.
- 08) Rest the heater onto the plastic clips and secure in place.
- 09) Make connections to the mains supply or plug in.
- 10) Restore the power supply and switch on.

#### MULTIPLE HEATERS

- 01) Follow the directions for fitting of a single heater for each of the locations where a heater is required. Do not fit one heater directly above another.
- 02) Loosen the small section of the cable entry gland nut on the heater nearest to the mains supply.
- 03) Loosen the screw in the end of the heater and remove the end cap. Take care removing the end cap not to pull the wires out of the terminals. Ease the cable back through the gland/nut as you pull the end cap away.
- 04) Take the mains plug off of the cable and remove the cap completely.
- 05) Remove the required blank out of the desired cable entry and fit the spare cable gland. The gland should be inserted with the short thread entering the cap and the large nut remaining on the outside.
- 06) Tighten securely but take care not to over tighten.

- 07) Check the length of cable required between the two heaters and cut to length giving sufficient spare to enter the first heater.
- 08) Loosen the small section of the new cable gland/nut and thread the cable through.
- 09) Strip back the cable end with approximately 25mm of coloured insulation showing and approximately 5mm of bare conductors.
- 10) 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.
- 11) Secure the spare cable clamp in position using the screws provided.
- 12) Secure the plastic end cap back in position threading both cables back through the gland/nuts.
- 13) Tighten the gland/nut assemblies.
- 14) Secure the cable between the two heaters. Make sure that the cable does not rest on top of the heater.
- 15) Repeat for each additional heater.
- 16) 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.
- 17) If daisy-chaining heaters together, the fuse in the plug or 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.

