



INGRESS
PROTECTION

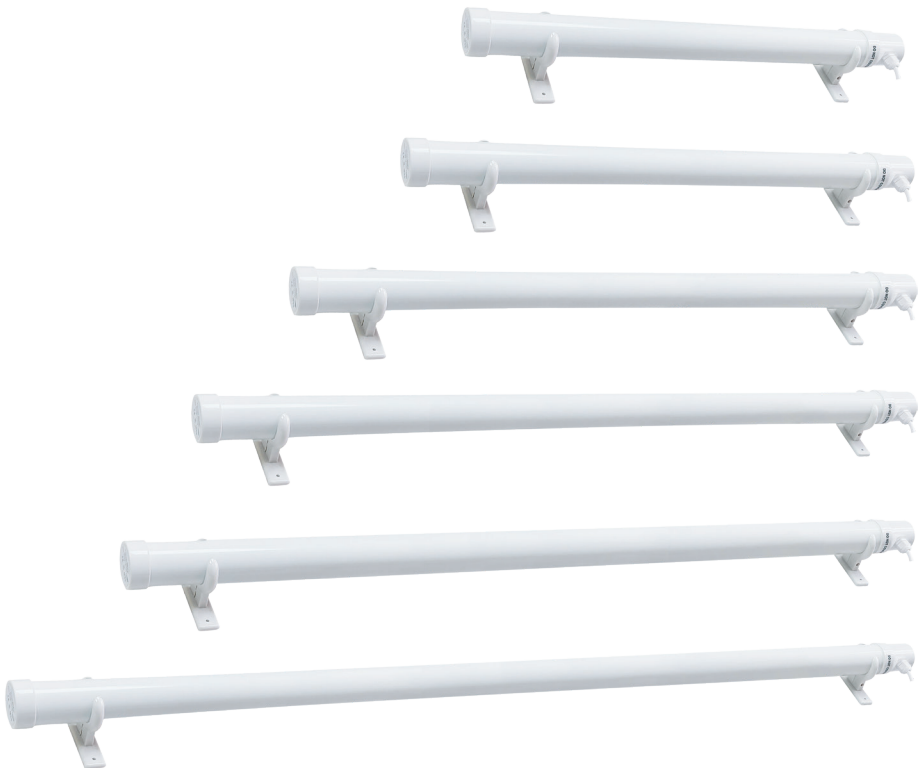


WALL
MOUNTING



INSTRUCTION / OPERATION MANUAL

Product Codes: HTTU1, HTTU2, HTTU3, HTTU4, HTTU5, HTTU6



STEEL CONSTRUCTION WITH WHITE ENAMEL FINISH



INSTRUCTION/OPERATION MANUAL

Product Codes:

TH1G - 1Ft GUARD

TH2G - 2Ft GUARDS

TH3G - 3Ft GUARDS

TH4G - 4Ft GUARDS

TH5G - 5Ft GUARDS

TH6G - 6Ft GUARDS



SAFETY INFORMATION

DUE TO THE HIGH SURFACE TEMPERATURES REACHED BY THESE EFFICIENT HEATERS, WE STRONGLY RECOMMEND THE USE OF THESE PRESSED STEEL SAFETY GUARDS WHENEVER OUR TUBULAR HEATERS ARE MOUNTED BELOW 2 METRES FROM THE GROUND OR IN SITUATIONS WHERE IT IS POSSIBLE THAT CHILDREN, ANIMALS OR FLAMMABLE OBJECTS SUCH AS CLOTHING MAY COME INTO CONTACT WITH THE HEATER. GUARDS CAN BE OBTAINED FROM YOUR STOCKIST AND ARE AVAILABLE IN A FULL RANGE OF SIZES TO MATCH THE SIZE OF YOUR HEATER.

THIS APPLIANCE MUST BE EARTHED

WARNING - NON-USER SERVICEABLE - Should difficulty be experienced with this heater, consult a qualified electrician.

Wiping over with a damp cloth and finishing with a soft dry cloth can maintain the finish of your Tubular Heater. This should be carried out when the tube is cold and switch off, Do not use abrasive cleaning powders or metal polish on any part of the tube.

Safety Information

Pressed Steel Safety guards

Due to the high surface temperatures reached by these efficient heater, we strongly recommend the use of pressed steel Safety guards whenever our Tubular heaters are mounted below 2 meters from the ground or in situations where it is possible that Children, Animals or flammable objects such as clothing may come into contact with the heater. Guards can be obtained from your stockist and are available in a full range of size to match the size of your heater, including double & triple guards for use when stacking Tube Heaters.



The symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste.

There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

IMPORTANT SAFEGUARDS

Before use, please read and follow these instructions carefully, even if you feel you are familiar with the product. They contain important information concerning product operation, safety and maintenance. Please retain instructions for future use and reference.



1. WARNING: THE SURFACE OF THIS ELECTRICALLY HEATED TUBULAR HEATER CAN BE VERY WARM; IN ORDER TO AVOID OVERHEATING, DO NOT COVER THE HEATER.

2. Children of less than 3 years should be kept away 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 the 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.

3. 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.

4. A heater has hot parts inside. Do not use in areas where petrol, paint, explosive and/or flammable liquids are used or stored".

5. The surface gets warm, if aged, infirm persons or young children are left unsupervised in the vicinity of the heater; precautions should be taken to ensure that direct contact with the heater cannot occur.

6. If the Tubular Heater is to be installed in a place used by the public, a warning notice should be placed adjacent to the heater advising that the surface is hot.

7. Alternatively, we recommend the fitting of the guard as shown on enclosed leaflet. These guards are available in all appropriate sizes. The Tubular Heater is designed for wall mounting only.

Installation:

It is very important that the Tubular Heater is mounted horizontally to a wall at low-level. Do not mount below a socket outlet. Any shelving placed above the Tubular Heater must be at distance of at least 200mm. Air should be allowed to freely circulate around the Tubular Heater to avoid over heating. IT MUST NOT BE COVERED.

The fixing bracket should be mounted according to the heater length at a distance to adequately support the Tubular Heater. Screw the two bottom halves of the bracket to the wall, place Tubular Heater on brackets (ideally after the mains cable has been fitted, see wiring instructions) and then fasten top brackets over tube. DO NOT SWITCH THE HEATER ON UNTIL IT IS SECURED

Electrical:

The electrical installation of this Tubular Heater must be carried out by a competent electrician and be in accordance with the current I.E.E Regulations for Electrical Equipment in Buildings. The Tubular Heater is suitable for operation on a 50Hz a.c. supply voltage as shown on the identity label.

Before connecting the heater check that the supply voltage is the same as that stated on the identity label.

The input wiring, if connected to fixed wiring, must have a fuse double pole switch in the power circuit.

Fit Cable

DO NOT DIRECTLY EXPOSE TO WATER

If the unit is not supplied with a mains lead, a heat resistant 3 core (16/0.20mm) flexible cable to BS6500 Table 9 HOFR should be used.

1. Strip the outer sheath from the cable for approximately 25mm and bare the ends of the wires for approximately 5mm.
2. Remove the I screw from the top of the Tubular Heater using a 1pt pozidrive screw driver and remove the cap.
3. Undo the Cable Gland nut and pass the flex through the nut and the gland grommet, washer and gland.
4. Pass the wires and flex under the cable clamp and connect to the terminals as follows:
 - a. The **Green-Yellow** (earth) wire fixes into the middle terminal marked $\overline{\text{T}}$
 - b. The **Brown** (live) wire fixes into the left hand terminal marked **L**
 - c. The **Blue** (neutral) wire fixes into the right hand terminal marked **N**
 - d. Ensure cable clamp is tightened.
5. Screw the cap back on by locating rib in cap into slot provided on the terminal mount.
6. Ensure that there is not an excess of wire and/or flex inside and screw the gland nut back to the Cable Gland.
7. After switching on the appliance for the first time the element will emit a vapour for approximately two minutes. This is no cause for alarm, but is merely preservative burning out from the element.
8. Unit is fitted with a safety device, which will automatically cut off the heat source should the unit overheat. It will restart once the temperature has reached the desired level.