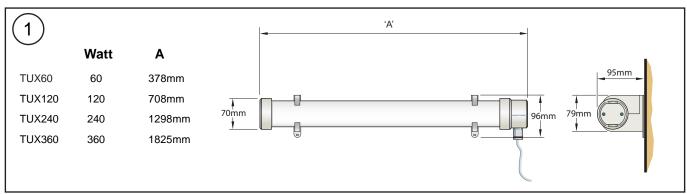
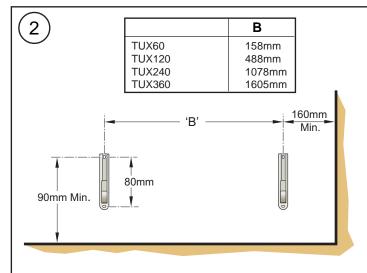
Installation and Operating Instructions

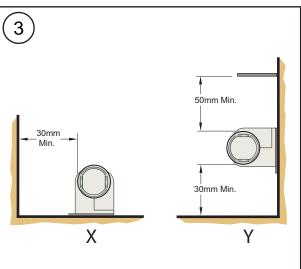
TUX Tubular Heaters

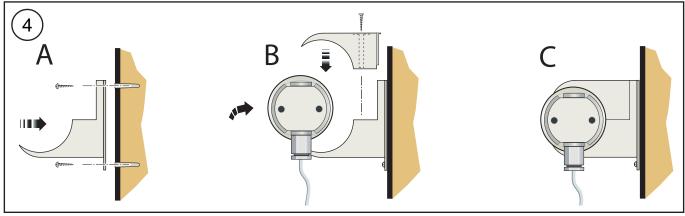


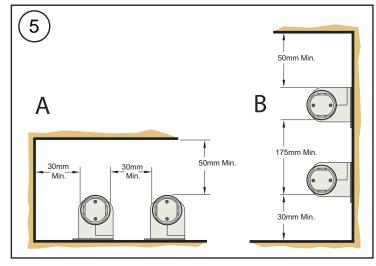
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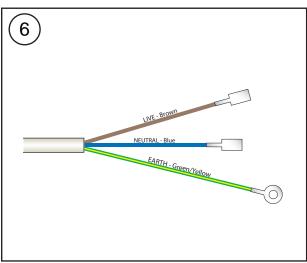












Important Safety Advice

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

IMPORTANT – The wall brackets supplied with the appliance must be

IMPORTANT – If the heater is installed in a room containing a bath or shower, it must be so installed that switches and other controls cannot be touched by a person using a bath or shower.

WARNING - DO NOT USE THIS HEATER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

The heater is designed for floor or wall fixing only and must be fitted horizontally. It should not be used as a free-standing unit.

Do not locate the heater immediately below a fixed socket outlet or connection box.

IMPORTANT - The heater carries a 'DO NOT COVER' Warning to alert the user to the risk of overheating that exists if the heater is accidentally covered.

Minimum clearances as indicated in Fig. 5 must be observed at all times when the heater is in use.

Warning: It is essential that the product cannot come into any contact with any fabric material.

WARNING: In order to avoid overheating, do not cover the heater. Do not place material or garments on the heater, or obstruct the air circulation around the heater, for instance by curtains or pushing furniture, material or clothing up against the heater, as this could cause overheating and a fire risk

The heater is splashproof and robust and is therefore suitable for use in lofts, garages, utility rooms, airing cupboards, sheds, display windows, etc., however it is NOT waterproof and should not be used in environments where continuous or excessive water-spraying may occur. WARNING – THE SURFACES OF THIS HEATER CAN BE HOT. Momentary contact with any part of the heater should not cause injury. However, aged or infirm persons or young children should not be left unsupervised in the vicinity of the heater unless a suitable guard is fitted.

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

Note that due care and consideration must be taken when using this heater in series with a thermal control, a program controller, a timer or any other device that switches on the heat automatically, since a fire risk exists when the heater is accidentally covered or displaced.

If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.

Electrical

WARNING - THIS APPLIANCE MUST BE EARTHED

The electrical installation must be carried out by a competent electrician, and be in strict accordance with the current I.E.E. regulations for Electrical Equipment in Buildings.

The supply circuit to the heater must incorporate a double pole isolating switch having a contact separation of at least 3 mm.

Supplementary Earth Bonding

Should Equipotential Earth Bonding be required the earthing conductor in the supply cord is deemed to provide the supplementary bonding connection (see Regulation 547-03-05, 16th Edition I.E.E. Wiring Regulations).

General

Your Tubular Heater will provide a safe, low level of heat output.

The various Tubulars Heater models provide a range of heat from 60 watts to 360 watts. All models are splashproof to IPX4 standard.

These models are designed for continuous operation and will reach normal operating temperature within a few minutes after the appliance is switched on.

Fixing in position

$\ensuremath{\mathsf{IMPORTANT}}$ - THE TUBULAR HEATER MUST ONLY BE INSTALLED IN THE HORIZONTAL PLANE.

Warning: It is essential that the product cannot come into any contact with any fabric material.

IMPORTANT – The wall brackets supplied with the appliance must be used. The heater should be positioned observing the minimum clearances stated around

the heater - for floor mounting see 'X' in Fig. 3 and for wall mounting see 'Y' in Fig. 3.

 $\ensuremath{\mathbf{DO}}$ NOT locate the heater immediately below a fixed socket outlet or connection box.

- 1. Locate the appliance adjacent to a suitable wall socket outlet.
- Slide the two parts of each mounting bracket apart. Using the bottom parts of the brackets, ensure that they are level and mark the holes for drilling see Table and diagram in Fig. 2.
- 3. Fix the bottom parts of the bracket to the mounting surface with the screws and fixings supplied see Fig. 4A.
- Place the heater in position on the brackets and fix it by locating the top half in the appropriate groove, sliding it down into position on the bottom half of the bracket and tightening the fixing screw - see Fig. 4B.
- Ensure that the mains cable exits downwards from the heater and is wired into or plugs into an adjacent wall socket safely - see Fig. 4C.

Cable replacement

IMPORTANT: In the event of supply cable replacement only an approved PVC cable capable of withstanding a continuous minimum operating temperature of 85°C should be used. Rubber insulated and sheathed cable should not be used. If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.

The cable end is as shown in Fig. 6.

Multiple Installations

The Tubular Heaters may be installed end-to-end along a wall to provide a continuous run of heaters in accordance with the minimum clearances as shown in Fig. 3.

Multiple Floor mounting

The heaters may be floor mounted side by side, NOT LESS THAN 30mm apart and in accordance with the minimum clearances as shown in **Fig. 5**A.

Multiple Wall mounting

These heaters must not be stacked more than two high on the wall, must be spaced NOT LESS THAN 175mm apart and in accordance with the minimum clearances as shown in **Fig. 5B**.

Note: In all multiple installations, each heater must be connected to the mains supply separately and protected by a fuse.

Safety - Overheat protection

For your safety this appliance is fitted with a thermal cut-out. In the event that the product overheats for some reason, the cut-out prevents excessive temperatures on the product by cutting the power to the heater. Once the heater has cooled down, it will reset automatically, it will continue to cycle on and off automatically until the reason for overheating is removed.

Recycling



For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

Cleaning

Before commencing cleaning, unplug the heater and allow it to cool. Disconnect the electricity supply to the appliance.

The outside can be cleaned by wiping it over with a soft damp cloth and then dried. Be careful not to allow moisture into the heater.

After Sales Service

Your product is guaranteed for one year from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales service you should contact our customer services help desk on 0845 600 5111. It would assist us if you can quote the model number, series, date of purchase, and nature of the fault at the time of your call. The customer services help desk will also be able to advise you should you need to purchase any spares.

Please do not return a faulty product to us in the first instance as this may result in loss or damage and delay in providing you with a satisfactory service.

Please retain your receipt as proof of purchase.



The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3 which cover the essential requirements of EEC Directives 73/23 and 89/336

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