



Product Instruction Manual

Sahara



TH01B, TH02B, TH03B, TH04B
Tubular Heater

Thank you for purchasing from the Hyco range of tubular heaters. Tubular heaters provide a gentle, background heat and frost protection for a wide range of applications such as conservatories, workshops, airing cupboards and caravans. Please read and understand these instructions before commencing installation, and leave them with the user upon completion of installation.

1. Important safety points



The appliance carries a 'Do not cover' message; this applies whether partially or fully covering the appliance.



The appliance can be connected to the fixed wiring of a property providing is in accordance with the latest edition of the IEE wiring regulations and the information supplied on the rating label.



Care and attention should all be taken if connecting the appliance to a timer or any other such automatic switching device as a fire risk exists if the appliance is covered or obstructed.



The appliance is only intended for horizontal installation, fire risk exists if installed in any other orientation.



Do not install this appliance in the immediate surroundings of a shower, bath or swimming pool.



Do not use the appliance if the power cord shows any sign of damage.



The surface of this appliance can become hot; never leave very young children or very vulnerable people unsupervised with the heater.



Do not locate the appliance immediately below any electrical outlet.



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 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 or clean the appliance or perform user maintenance.

2. Installation

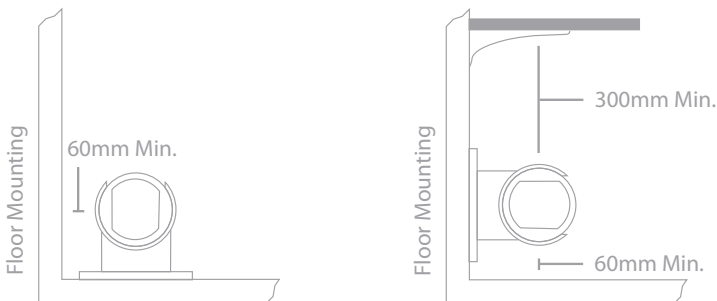
Wall Mounting



Ensure minimum clearances are observed when installing the appliance.

- Select a suitable position for locating the heater, ensuring all minimum distances are met as per figure A. In addition, all safety considerations from section 2 of this manual should be followed.
- Offer the heater to the intended mounting position mark the four fixing holes, ensuring you maintain a horizontal level. (a spirit level is recommended).
- Drill the four holes and insert wall plugs.
- Fasten the heater by locating four screws and ensuring they are driven tightly into the wall plugs.

Figure A (Mounting restrictions)



Note: Guards are available and would be strongly recommended where there is a risk of incidental contact with heater.

Electrical

Electrical connection of the heater can be made by means of the pre-wired 5 amp plug directly to any socket or alternatively via a fused spur connected to the fixed wiring of the property. Ensure all safety warnings from section 2 of this manual are followed.

- If the heater is to be connected to the fixed wiring of the property then installation must include a double pole isolating switch with a break contact distance of at least 3mm.

- Make the connections as:
 - Green/Yellow earth wire to terminal or marked "E"
 - Brown live wire to the terminal marked "L"
 - Blue neutral wire to the terminal marked "N"

3. Operation

Thermal cut-out

The tubular heater range is designed as a low powered gentle background heat provider. It is designed to operate continuously until the environment reaches approx. 15°C at which point it may start to cycle in the safety cut-out feature.

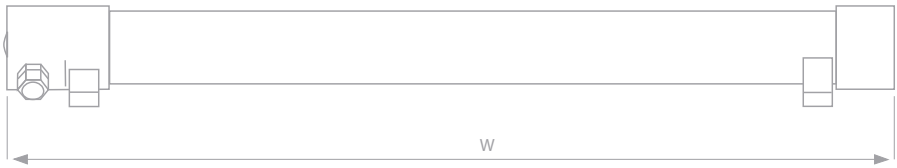
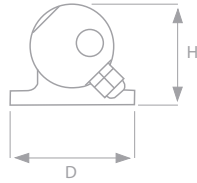
This feature is only designed to prevent the external surface of the heater reaching dangerous temperatures to touch; it will not react directly to the temperature of its environment.

4. Maintenance

- Before cleaning the heater, ensure the power supply is disconnected and the heater as cooled sufficiently.
- Wipe the exterior with a soft dry cloth.
- Do not use any chemical or abrasive cleaners.

5. Specifications

Model	TH01b	TH02B	TH03B	TH04BT
Supply	Supply 230V - 50HZ			
IP rating	IP55			
Size	1ft	2ft	3ft	4ft
Power	45W	80W	135W	180W
Dimensions H x W x D (mm)	55 x 305 x 55 mm	55 x 610 x 55 mm	55 x 915 x 55 mm	55 x 1222 x 55 mm



6. Guarantee and service policy

This product is guaranteed against faulty materials and manufacture for a period of one year from the date of purchase. Hycos will in its sole discretion replace, repair or refund any faulty unit. Consequential costs such as labour charges or damage to fittings and surroundings are expressly excluded.



INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH THE EUROPEAN DIRECTIVE 2002/96/E.

At the end of its working life this equipment must not be disposed of as household waste. It must be taken to a local authority waste collection centre or to a dealer providing this service. Disposing of electrical and electronic equipment separately enables its components to be recovered and recycled to obtain significant savings in energy and resources. In order to underline the duty to dispose of this equipment separately, the product is marked with a crossed out dustbin.

Hycos Manufacturing Ltd
Normandy Court
Express Way
Castleford, WF10 5NR

T 01924 225 200
F 01924 225 210
E sales@hycos.co.uk

hycos.co.uk