



Product Instruction Manual
Sahara













TH01B, TH02B, TH03B, TH04B
Tubular Heater

Overview

Thank you for purchasing a Sahara Tubular heater. It will provide a low output, background source of heat to support frost protection in applications such as green houses, caravans, conservatories and work shops.

Please read and follow these instructions to ensure that installation and operation are as simple and safe as possible.

Important Safety Points

-  This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
-  Children of less than 3 years should be kept away unless continuously supervised.
-  Children aged 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 3 years and less than 8 years shall not plug in, regulate, and clean the appliance or perform user maintenance.
-  Some parts of this appliance can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
-  Children shall not play with the appliance.
-  Cleaning and user maintenance shall not be made by children without supervision.
-  The supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.
-  In order to avoid overheating, do not cover the heater.
-  The appliance must not be located immediately below a socket outlet.



This appliance should only be installed and maintained by a competent person in accordance with any local electrical regulations.



Only connect the appliance to an electrical supply that meets the specification detailed on the rating label.



This appliance is not designed for outdoor use.

1. Installation

- ⚠ Ensure there are no hidden cables or pipework before commencing any drilling.
 - ⚠ The appliance is only intended for horizontal installation, fire risk exists if installed in any other orientation.
 - ⚠ To avoid overheating risk, ensure minimum clearances are observed when installing the appliance.
- Assemble the two brackets by inserting the four small screws through the rear of the bracket and into the corresponding holes in the main body of the appliance.
 - Offer the appliance to the intended mounting surface and mark the two holes at the outer edge of each bracket. The appliance must be installed so that it is level and has a horizontal orientation.
 - Drill the four holes and insert wall plugs into each.
 - Offer up the appliance and secure firmly to the wall using four screws. Check it is stable upon completion.

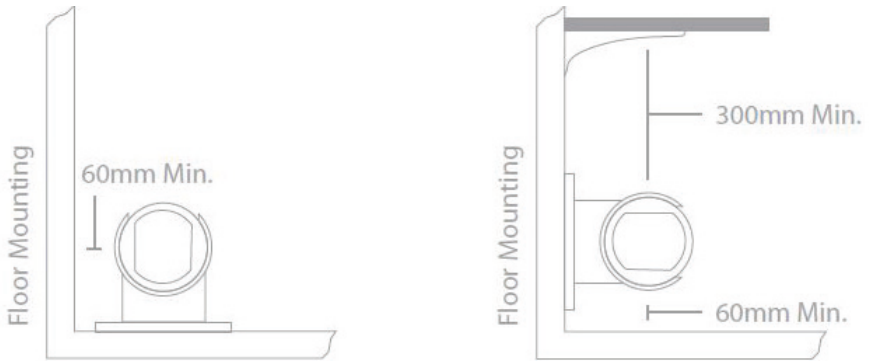


Diagram 1

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

2. Electrical Connection



This appliance must be earthed.

- The appliance is supplied with a 1.3 m cable and prewired BSP fused plug.
- If the appliance is to be connected directly to the fixed wiring of the property, ensure it is connected to the electrical supply via an appropriately rated isolating switch with a contact separation in all poles.
- Make connections as below;
 - Green/ yellow earth wire to terminal marked 'E' ⊕
 - Brown live wire to the terminal marked 'L'
 - Blue neutral wire to the terminal marked 'N'

3. Operation

- The tubular heater range is designed to provide a gentle background heat only. It does not detect or control the temperature of its environment.
- It is not recommended for use in temperatures above 15°C.
- The appliance is fitted with an automatic thermal cut- out to prevent the surface of the heater from reaching excessively high temperatures.

4. Cleaning and Maintenance



Ensure any future maintenance or modifications to the appliance complies with the guidelines in these instructions.



Keep records of maintenance and ensure any future occupier of the building is fully aware of the content of these instructions.



Isolate the electrical supply before undertaking any maintenance work.



Allow the appliance to cool down before undertaking any maintenance.



Do not use abrasive materials or chemicals to clean this appliance.



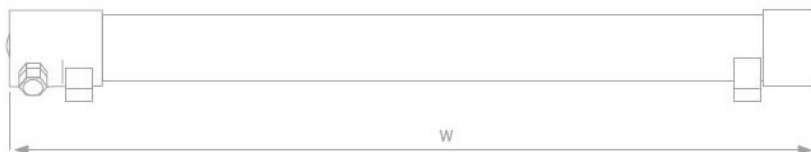
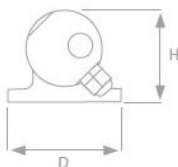
Use a soft damp cloth when cleaning, avoid excessive use of liquids.



- Periodically inspect and clean the outer surface of the appliance with a soft damp cloth to ensure continued thermal efficiency.
- If there is any sign of heat damage or general damage to the appliance, cable or plug, discontinue use immediately.

5. Specification

Model	TH01B	TH02B	TH03B	TH04B
Power	45 W	80 W	135 W	180 W
Voltage	230 V	230 V	230 V	230 V
IP rating	IP55	IP55	IP55	IP55
Dimensions (h x w x d)	90 x 305 x 90 mm	90 x 610 x 90 mm	90 x 915 x 90 mm	90 x 1222 x 90 mm



6. Guarantee and Service Policy

This product is covered by a standard parts or replacement warranty for a period of 1 year from the date of purchase.

If there is a manufacturing defect within the warranty period we will send spare parts, repair and return the unit or, at our discretion, supply a replacement product. Incorrect installation, frost damage, the consequences of limescale deposits or failure to follow correct operating and maintenance instructions are excluded. Consequential costs such as labour charges or damage to fittings and surroundings are expressly excluded.

7. Contact Us

If you experience a problem with this product you should first contact our service department on 01924 225 200 before taking any further action. Experience has shown that issues can often be resolved without the need to return or uninstall the product.



INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH THE EUROPEAN DIRECTIVE 2012/19/EU.

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.

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