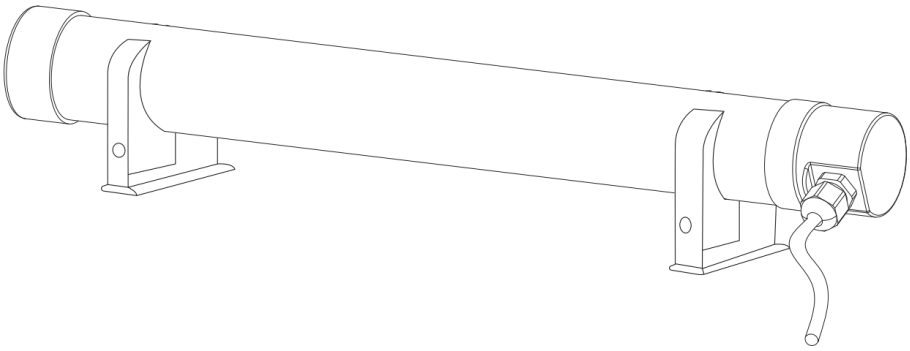
# INSTRUCTION MANUAL

## Tubular Heaters



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## Introduction

Models covered by this instruction sheet:-
DXTH01, DXTH02, DXTH03 & DXTH04 tubular heaters and DXTH01T, DXTH02T, DXTH031T & DXTH04T thermostatic tubular heaters

**IMPORTANT** Read these instructions fully before using the appliance.
Retain these instructions for future reference.

**NOTE** The appliance may only be used in a fixed position and only for the purpose described. It is not for outdoor use!

The rating of this product (as marked on the product identification plate) is based on specific loading tests. Normal use or the use of other recommended attachments may draw significantly less power.

## SAFETY INSTRUCTIONS

Please read these instructions before operating the appliance.

- Use only the voltage specified on the rating plate of the heater.
- Do not cover or restrict airflow to the appliance in any manner as the appliance may overheat and become a fire risk.
- Do not place the appliance close to a radiant heat source.
- Do not operate in areas where gasoline, paint or other flammable liquids are used or stored.
- This appliance heats up when in use. To avoid burns, do not let bare skin touch any hot surfaces. Switch off and leave to cool before moving.
- Do not use the appliance to dry clothes.
- Do not insert or allow foreign object or metal utensils to enter any opening. This may cause an electric shock, fire or damage to the appliance.
- Do not immerse in liquid or allow liquid to run into the interior of the appliance, as this could create an electrical shock hazard.
- Do not reach for an appliance that has fallen into water. Switch off at the power supply and unplug immediately.
- Do not operate any appliance with a damaged cord, plug or after the appliance malfunctions or has been dropped or damaged in any manner.
- Return to a qualified electrical professional for examination, electrical or mechanical adjustment, service or repair.

- Do not operate appliance with wet hands.
- Do not use abrasive cleaning products on this appliance. Clean with a damp cloth (not wet) rinsed in hot soapy water only. Switch off at the power supply before cleaning.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.
- This appliance is not intended for use in outdoor locations.
- Do not use this appliance in the immediate surrounds of a bath, shower or swimming pool.
- Do not operate with cord set coiled up as a build up of heat is likely.
- The use of an extension cord with this appliance is not recommended.
- Do not remove power until the appliance has been switched off.
- Do not remove plug from power socket by pulling the supply cord.
- Do not allow cord to come in contact with heated surface during operation.
- Do not run cord under carpeting, throw rugs or runners etc. Arrange cord away from traffic areas so that it will not be tripped over.
- Do not twist, kink or wrap the cord around the appliance, as this may cause the insulation to weaken and split.
- Do not store appliance while it is still hot.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- The appliance must not be located immediately below a socket outlet.
- Do not use this appliance with another programmer, timer or any other device that switches the heater on automatically.
- Place in a safe place away from flammable objects.
- Do not place flammable liquids or gasses near the heater.
- **WARNING:** In order to avoid overloading and discolouration, do not cover the heater.
- To reduce the risk of electric shock, do not immerse or expose the product or flexible cord to rain, moisture or any liquid other than those necessary for correct operation of the product.
- Electrical installation must be carried out by a qualified professional in accordance with the latest edition of the IEE wiring regulations.
- If the supply cord is damaged, it must be replaced by a qualified professional in order to avoid a hazard.

- Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- Discolouration of unit indicates excess dust build up and/or unit being covered by damp materials. We highly recommend the appliance is cleaned on a regular basis. Discolouration is not covered by the warranty.

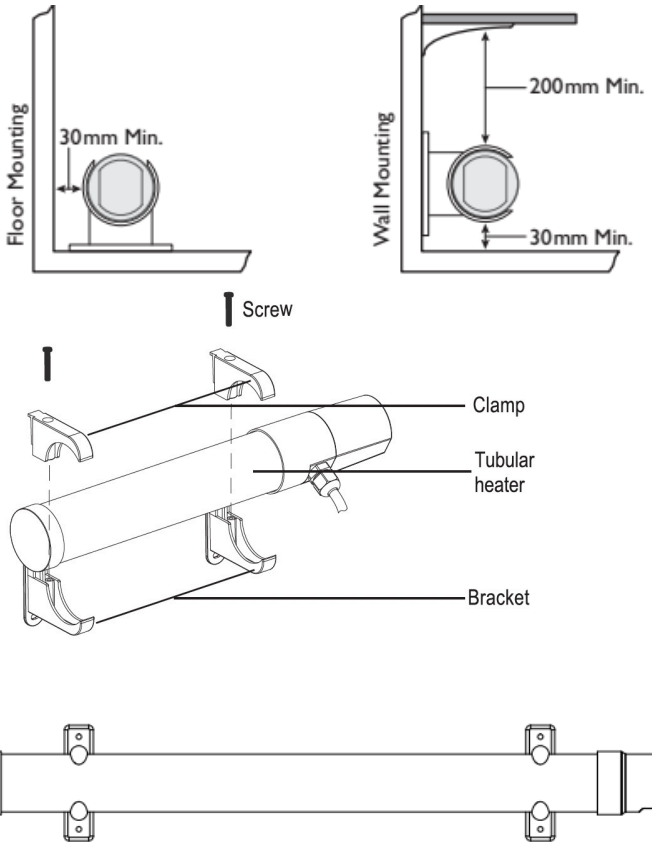
## Specification

| Model Number | Power | Electrical Supply | IP Rating | Product Length | Product Size |
|---|---|---|---|---|---|
| DXTH01 | 45W | 220-240V, 50 Hz | IP55 | 300mm | 310x98x85mm |
| DXTH02 | 80W | | | 609mm | 610x98x85mm |
| DXTH03 | 135W | | | 900mm | 910x98x85mm |
| DXTH04 | 180W | | | 1200mm | 1200x98x85mm |
| DXTH01T | 60W | 220-240V, 50 Hz | IP55 | 364mm | 364x56x75mm |
| DXTH02T | 120W | | | 667mm | 667x56x75mm |
| DXTH03T | 180W | | | 959mm | 959x56x75mm |
| DXTH04T | 240W | | | 1276mm | 1276x56x75mm |

## Thermal Cut-out

The appliance is fitted with a thermal cut-out. Once the tubular heater has cooled down it will re-set itself automatically. It will then switch on and off until the reason for overheating has been removed. Make sure that any causes of overheating, such as obstructions, are removed and plug the appliance in again.

# MOUNTING GUIDE




**Single Heater**

1. Choose the location of your new heater giving consideration to all of the points above.
2. Fit the plastic clips onto the fitting and slide towards each end of the heater.
3. Hold the heater against the mounting surface and mark the position of the fixing holes.
4. Remove the plastic clips.
5. Use a spirit level to check holes are level.
6. Make fixing holes using a No.8/5mm drill bit.
7. Insert the plastic plugs and secure the bottom part of the clip using the screws supplied.
8. Rest the heater onto the plastic clips and secure in place.
9. Make connection to the mains supply.
10. Restore the power supply and switch on.

# MOUNTING GUIDE

**Multiple Heaters**

1. 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.
2. Loosen the small section of the cable entry gland nut on the heater nearest to the mains supply.
3. Loosen the screw in the end of the heater and remove the end cap. Take care removing the end cap ensuring not to pull the wires out of the terminals. Ease the cable back through the gland/nut as you pull the end cap away.
4. Take the mains plug off of the cable and remove the cap completely.
5. 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.
6. Tighten securely But take care not to overtighten.
7. Check the length of cable required between the two heaters and cut to length giving sufficient spare to enter the first heater.
8. Loosen the small section of the new cable gland/nut and thread the cable through.
9. Strip back the cable end with approximately 2.5mm of coloured insulations allowing approximately 5mm of bare conductors.
10. Make the connection 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 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.

## WARRANTY

1. This product is guaranteed for a period of 1 year from the date of purchase against faulty components and manufacturing defects.

2. This warranty does not cover wear and tear, or misuse and abuse. Transportation, freight cost and labour costs are excluded.

3. Before taking any action in the event of a fault, contact our customer service team who will assist you. The products serial number and proof of purchase must be provided.

   In the event of a faulty product, deXpro will replace faulty parts or at its sole discretion replace the product.

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.

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