

D966

THERMOSTATS

Immersed Length		Thermostat Length	Thermostats available
11 inch	275mm	7" (178mm)	Shel SS7
14 inch	350mm		
18 inch	440mm	11" (280mm)	Shel SS11
23 inch	520mm	18" (460mm)	Shel SS18
27 inch	650mm		
30 inch	730mm		
36 inch	890mm		

NOTES

- 1) Thermostats are pre-set for safe and economical temperature. Breaking the seal will invalidate the guarantee.
- 2) Ensure that the thermal insulating jacket does not cover the immersion heater cap.
- 3) The element must always be completely immersed in water.
- 4) It is advised that before applying power to the heater the button in the middle of the button cut-out is pressed to ensure it is reset.
- 5) The 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 they do not play with the appliance.



Immersion Heaters



PRODUCED TO BS EN60335

Guarantee

SHEL WATER HEATERS ARE GUARANTEED SUBJECT TO CORRECT INSTALLATION AND NORMAL USE; STANDARD COPPER FOR 12 MONTHS, EXTRA LIFE 800 FOR 24 MONTHS.

Note: This guarantee in no way affects the rights of the consumer laid down in UK law.

Backer Heatrod Ltd,
Unit 10 Top Deck, Smethurst Lane,
Farnworth, Bolton, BL4 0AN
www.heatrod.com

FIXING

- 1) Domestic immersion heaters are designed to screw into a 2 1/4" diameter British Standard Pipe (BSP) threaded boss, with the sealing washer provided fitted against the element head.
- 2) **This heater should only be installed in a system where it will always be immersed in water.**
- 3) Heaters 350mm and below in length are intended for horizontal fixing (side entry).
- 4) Heaters 440mm and above in length are intended for vertical fixing (top entry).
- 5) The element is intended for fitting into a cistern fed metal cylinder, allowing 50mm to 75mm clearance between the element and the side of the tank or domed base of the cylinder.
- 6) **INSTALLER MUST ENSURE THE TANK IS FULL AND THE ELEMENT IS COMPLETELY IMMERSED BEFORE APPLYING POWER TO THE HEATER.**

IMPORTANT NOTICE

To avoid breakage, support neutral (N) terminal with pliers when tightening screw.

THIS APPLIANCE MUST BE INSTALLED IN COMPLIANCE WITH CURRENT BUILDING & PLUMBING REGULATIONS AND THE WIRING MUST COMPLY TO BS7671:2001 part 554-05.

WARNING: THIS APPLIANCE MUST BE EARTHED

ELECTRICAL CONNECTION

- 1) The heater must be wired through a double pole isolation switch having a 3mm minimum contact separation on all poles, using heat resistant flexible cable.
- 2) Connect the Live, **BROWN wire**, to the terminal on the thermostat (see diagram below).
- 3) Connect the **link wire** provided from the button cut-out to the other terminal of the thermostat.
- 4) Connect the neutral side of the supply, **BLUE wire**, to the terminal marked 'N'.
- 5) Connect the earth, **GREEN/YELLOW wire**, firmly to the stud marked 'E' and $\frac{1}{2}$.
- 6) Ensure the cable is clamped tightly in the clamp provided.

