

BACKERSAFE IMMERSION HEATERS



Backersafe Immersion Heaters are manufactured to the latest Legislation of BSEN60335-2-73. Two specific clauses within this specification are aimed at eliminating the risk of boiling water. The most significant requirement is that the Immersion Heater be isolated from the mains supply, should the primary thermostat fail with the contacts closed, which would allow the water to reach a temperature in excess of 85°C.

The Solution

Backer manufacture two alternative types of Immersion Heaters to meet the requirement of the standard EN 60335-2-73. Type one is using a non re-settable BT range of rod thermostat, which in addition has a secondary single re-settable button thermostat in series with the main rod thermostat. Type two is using a single BMST range of rod thermostats which incorporates a secondary temperature sensing device and a second set of contacts all contained within the one thermostat.

Specification

- Power: 240V - 3KW
- J-Length: 11"L
- Connection: 2 1/4" BSP
- Thermostat Pocket: 7"L

Application

Immersion heaters are a fast and efficient way of heating up various liquid solutions. Heating up liquids using direct heat transfer allows for the liquid medium to quickly reach the desired temperature.

- Water heating
- Freeze protection
- Viscous oils
- Storage tanks
- De-greasing tanks
- Solvents
- Salts
- Paraffin
- Caustic solutions

Copper Sheath Range

Product Code	Catalogue Number	Underhead Length	Rod stat Length
09192VS / 09192VC	PACK 311/15TM	11"	7"

THE "BACKERSAFE" IMMERSION HEATERS ARE MANUFACTURED IN A FULL RANGE OF SHEATH MATERIALS INCLUDING COPPER, INCOLOY 800, INCOLOY 825 AND TITANIUM TO SUIT THE VARYING WATER CONDITIONS AROUND THE COUNTRY.