

Industrial Immersion Heater

Model: HEIND411

Size: 4 Kw 11"

- 2 ¼" BSP
- Loading Kw: 4.00 Kw 240/415V)
- Loading Kw: 4.48 Kw 254/440V
- Immersed Length: 11" (280mm)
- Phase: Single/3 phase
- Rod type: with high quality Nickel Chrome resistance wire compacted in Magnesium Oxide insulating powder
- Sheath: corrosion resistance Incoloy 825
- Certified weatherproof to IP66
- Heavy duty brass fixing boss screwed
- Suitable for working pressures up to 8 Barg, higher working pressures available upon request



The HB range of screwed immersion heaters is an inexpensive solution for all commercial and industrial hot water cylinders, process tank heating, cooling tower frost protection and other applications which are non-corrosive to the materials of construction. The HB range of heaters can be supplied with an adjustable control thermostat scaled to suit the specific application.

Heat is transferred to the liquid by means of Incoloy 825 sheathed heating elements with automatic control being achieved using an integral adjustable thermostat.

Standard immersion heaters are designed for horizontal installation (heaters for vertical installation are available to order).

Designed for use where space is limited. These have high flux ratings which should be considered when selecting heaters. Two thermostat pockets are fitted as standard to facilitate optional safety limit thermostat when required.

Typical Applications:

Hot water storage tanks
Pre-heating oil and water
Food processing equipment
Cleaning and rinsing equipment
Heat transfer, process and boiler equipment
Frost protection

* Other sizes of brass fixing 2" or 2 ½" BSPP, alternatively supplied with square mounting flange.