DIGITAL INDUSTRIAL IMMERSION HEATERS

BACKER HEATROD

Description

Applications in industrial and commercial environments often require a more accurate form of control which is why Heatrod have introduced a new range of digitally controlled immersion heaters. The HRD range of digital industrial immersion heaters are designed so the user can select a specific temperature requirement and be confident that their process will be heated in the most accurate way.

The HRD range is designed to be heavy duty with flexibility in mind, for easy installation into multiple industrial liquid heating applications. The terminal box is proven for ease of wiring and flexible for access in all types of locations. The digital controller can be programmed and wired for both single or three phase operation. Along with the standard Incoloy sheath, we also manufacture using different levels of element sheath protection depending on the environment which the heater is being installed into.

HRD Digital Immersion Heater

Key features

- For use in water applications only*
- IP54 rotatable terminal cover
- Incoloy 825 sheath
- Flexible fitting & wiring options (single/three phase)
- Flexible operational features (manual/fixed heat settings)
- Hysteresis control
- Electronic & manual cut-out
- Adjustable electronic cut-out
- Manual cut-out 82°C

*Contact us for recommendations for chemical and oil applications

Technical specification

2 ¼ " BSP	2" BSP	1 ¾ " BSP	Loading (kW)	Voltage (V)	Phase Connection	Immersed Length (in/mm)	Element Diameter (mm)	No. of Elements	Watts Density (W/cm ²)
HRD311AA ISS 3	HRD311BA ISS 3	HRD311CA ISS 3	3	415	3 PH	11/280	8	3	8.5
HRD616AA ISS 3	HRD616BA ISS 3	HRD616CA ISS 3	6	415	3 PH	16/406	8	3	11
HRD624AA ISS 3	HRD624BA ISS 3	HRD624CA ISS 3	6	415	3 PH	24/610	8	3	7
HRD636AA ISS 3	HRD636BA ISS 3	HRD636CA ISS 3	6	415	3 PH	36/914	8	3	4.6
HRD916AA ISS 3	HRD916BA ISS 3	HRD916CA ISS 3	9	415	3 PH	16/406	8	3	16.5
HRD924AA ISS 3	HRD924BA ISS 3	HRD924CA ISS 3	9	415	3 PH	24/610	8	3	10.5
HRD936AA ISS 3	HRD936BA ISS 3	HRD936CA ISS 3	9	415	3 PH	36/914	8	3	6.9