

Digital Industrial Immersion Heaters

Heatrod Elements

ΩNIBE Part of the Nibe Element Group

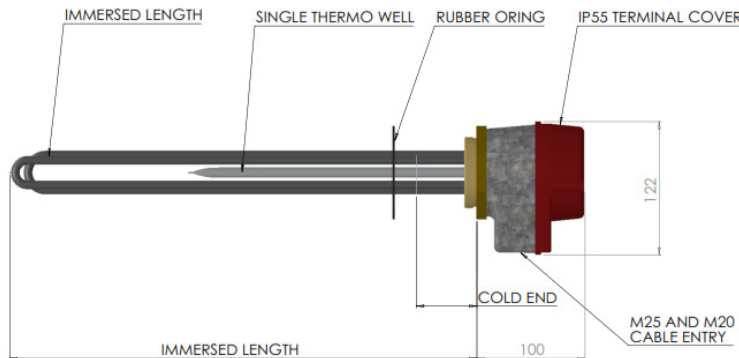
HRD— Immersion Heater with Digital Control



HRD RANGE

- Elements Manufactured from Incoloy800
- External input available
- Unique design offers both single and three phase installation
- IP55 Rotatable Terminal Enclosure
- Built in adjustable electronic thermal cut-out along with a choice of mechanical auto reset cut-outs. (See Table Below)
- Control panels available for single & cascade control
- NEMKO Approved

Technical Data



Heatrod also offer bespoke variations of the HRD range, so if the size required is not listed please do not hesitate to contact us.

| Part No. | | | Loading (kW) | Voltage (V) | Phase Connection | Immersed Length (in/mm) | Element Diameter (mm) | No. Elements | Watts Density (W/cm ²) |
|----------|----------|----------|--------------|-------------|------------------|-------------------------|-----------------------|--------------|------------------------------------|
| 2 ¼" BSP | 2" BSP | 1 ¾" BSP | | | | | | | |
| HRD311A | HRD311B | HRD311C | 3 | 240/415 | 1/3PH | 11 / 280 | 8 | 3 | 8.5 |
| HRD616A | HRD616B | HRD616C | 6 | 240/415 | 1/3PH | 16 / 406 | 8 | 3 | 11 |
| HRD624A | HRD624B | HRD624C | 6 | 240/415 | 1/3PH | 24 / 610 | 8 | 3 | 7 |
| HRD636A | HRD636B | HRD636C | 6 | 240/415 | 1/3PH | 36 / 914 | 8 | 3 | 4.6 |
| HRD916A | HRD916B | HRD916C | 9 | 415 | 3PH | 16 / 406 | 8 | 3 | 16.5 |
| HRD924A | HRD924B | HRD924C | 9 | 415 | 3PH | 24 / 610 | 8 | 3 | 10.5 |
| HRD936A | HRD936B | HRD936C | 9 | 415 | 3PH | 36 / 914 | 11 | 3 | 5.2 |
| HRD1236A | HRD1236B | HRD1236C | 12 | 415 | 3PH | 36 / 914 | 11 | 3 | 6.9 |

| Add Suffix | Temperature Range (°C) | Mechanical Cut-Out Temperature (°C) |
|------------|------------------------|-------------------------------------|
| A | 0-70 | 75 |
| B | 0-85 | 90 |
| C | 0-105 | 110 |
| D | 0-215 | 220 |

* For example a HRD616B 2" 6kW 16" immersion heater with a 0-85°C thermostat range would become, HRD616BB

Maximum kW Rating for use with the digital control box is 12kW 415V

Contact Us

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Contact Us

Call 0161 727 3713

Or Visit www.heatrod.com / www.heatrodshop.com