

# HIGH PRESSURE IMMERSION HEATERS

## Description

Our range of High Pressure Immersion Heaters have been designed for working pressures of up to 40 bar and are available in either Incoloy (HRi range) or Titanium (HRZi range) for hard water process applications. Both are designed specifically for high usage environments, the heaters are ideal for use in water and chemical applications.

## Key features

- IP68 rotatable terminal cover
- Incoloy 825, stainless steel sheath or heavy duty titanium element
- Single thermostat pocket
- Separate power and control glands
- Large range of thermostats available
- Flexible fitting and wiring options
- Flexible operating features (manual or fixed heat settings)
- Unique design offers both single and three phase installation
- Titanium immersions designed for areas with hard water



This product is designed to be heavy duty with flexibility in mind for easy installation into multiple industrial liquid heating applications. Along with the standard range detailed, we also manufacture using different levels of element sheath protection depending on the environment which the heater is being installed into. The below are just some of the products we can offer, please ring or email for bespoke specifications.

## Technical specification

Part Number			Loading (kW)	Voltage (V)	Immersed Length (inches)
2 ½" BSP	2 ¼" BSP	2" BSP			
HRI311Z-ENOTS	HRI311A-ENOTS	HRI311B-ENOTS	3	240/415	11
HRI616Z-ENOTS	HRI616A-ENOTS	HRI616B-ENOTS	6	240/415	16
HRI624Z-ENOTS	HRI624A-ENOTS	HRI624B-ENOTS	6	240/415	24
HRI636Z-ENOTS	HRI636A-ENOTS	HRI636B-ENOTS	6	240/415	36
HRI916Z-ENOTS	HRI916A-ENOTS	HRI916B-ENOTS	9	240/415	16
HRI924Z-ENOTS	HRI924A-ENOTS	HRI924B-ENOTS	9	240/415	24
HRI936Z-ENOTS	HRI936A-ENOTS	HRI936B-ENOTS	9	240/415	36
HRI1224Z-ENOTS	HRI1224A-ENOTS	HRI1224B-ENOTS	12	415	24
HRI1236Z-ENOTS	HRI1236A-ENOTS	HRI1236B-ENOTS	12	415	36

Material	Incoloy 825 Sheath Material (inc thermostat pocket)
Loading	3-12kW, Element Diameter: 8mm
Design	IP68 robust rotatable enclosure, heavy duty stainless head
Voltage	415V 3-Phase, 240V 1-Phase
Temperature range	Control temp max 80°C, safety cutout 90°C
Pressure	Up to 40 bar

# HIGH PRESSURE IMMERSION HEATERS

Part Number			Loading (kW)	Voltage (V)	Immersed Length (inches)
2 ½" BSP	2 ¼" BSP	2" BSP			
HRZi311Z-ENOTS	HRZi311A-ENOTS	HRZi311B-ENOTS	3	240/415	11
HRZi616Z-ENOTS	HRZi616A-ENOTS	HRZi616B-ENOTS	6	240/415	16
HRZi624Z-ENOTS	HRZi624A-ENOTS	HRZi624B-ENOTS	6	240/415	24
HRZi636Z-ENOTS	HRZi636A-ENOTS	HRZi636B-ENOTS	6	240/415	36
HRZi916Z-ENOTS	HRZi916A-ENOTS	HRZi916B-ENOTS	9	240/415	16
HRZi924Z-ENOTS	HRZi924A-ENOTS	HRZi924B-ENOTS	9	240/415	24
HRZi936Z-ENOTS	HRZi936A-ENOTS	HRZi936B-ENOTS	9	240/415	36
HRZi1224Z-ENOTS	HRZi1224A-ENOTS	HRZi1224B-ENOTS	12	415	24
HRZi1236Z-ENOTS	HRZi1236A-ENOTS	HRZi1236B-ENOTS	12	415	36

Material	Titanium
Loading	3-12kW, Element Diameter: 8mm
Design	IP68 robust rotatable enclosure, heavy duty stainless head
Voltage	415V 3-Phase, 240V 1-Phase
Temperature range	Control temp max 80°C, safety cutout 90°C
Pressure	Up to 40 bar

