

# HRH ATEX/FLAMEPROOF IMMERSIONS

## Description

When environmental conditions become unsafe to use ordinary immersion heaters, Heatrod can offer a wide range of explosion-proof heating solutions.

Having manufactured our first range of hazardous area heaters back in 1953, Heatrod can provide a hazardous area version for the majority of our products, together with bespoke hazardous area air and gas heaters. Fully ATEX certified to class IIB and ranging from standard screw-in immersions up to fully engineered process heaters. We can also provide IIC certified products from other group manufacturers.



## Fields of Application

- Flameproof immersion
- Flameproof in-line flow heater
- Flameproof gas heater
- Flameproof air heater

## Benefits

- IP67 Exd ATEX certified terminal cover
- Sheathed elements in a variety of materials
- Brass, carbon or stainless steel flanges
- Removable core options, with plain, or options for stainless steel & copper tubes
- Available up to 1.4mW
- Control & high limit thermostats
- Operating pressures up to 10 bar (standard)
- Wide range of thermostats available
- Variety of voltage options

Heatrod are currently certified to manufacture heaters up to 1.4mW and 690V 3 Phase and suitable for ambient temperatures between -40°C and 45°C. Working with our sister companies, we can provide solutions for class IIB and IIC hazardous areas.

## Technical specification

### HRH Technical data

Material	Incoloy 825
Loading	1-12kW, element Diameter: 8mm
Design	Head thread size 2, 2¼, 2½" BSP IP67 ATEX certified terminal cover
Voltage	240/415V
Optional	Removable core elements
Others	Optional thermostat ranges available

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### Screw in range

Model	kW Rating	Fixing BSP	Medium	Immersed Length
5FP/RWT/x	1-12	2"	Water	11-36"
6FP/RWT/x	1-12	2¼"	Water	11-36"
6FP/CWTT/x	1-6	2¼"	Water	13-68"
7FP/CWTT/x	1-6	2¼"	Water	13-68"
5FP/CP/x	1-8	2"	Oil	18-130"
7FP/CPT/x	1-8	2½"	Oil	18-130"



These products are always application specific, so please contact our Sales Engineering Team for more information.



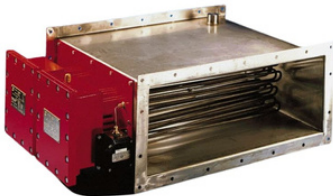
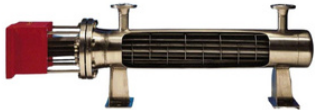
#### Hazardous Area Immersion Heater

A full range of immersion heaters and thermostats are available for screw-in or small flanged installation. With both rod and removable core elements, Ranging from 1-18kW and suitable for heating air, gas or liquid.



#### Hazardous Area In-Line Heaters

A range of process heaters suitable for a variety of applications, including; air, gas and liquid. Vessels are available in copper, carbon and stainless steel.



#### Hazardous Area Air Heaters

A wide range of complete duct heaters or stab-in heater batteries, in aluminium, carbon and stainless steel. Used for anti-condensation and HVAC applications in hazardous areas.