

# HRF FLANGED IMMERSIONS

## Description

The HRF Range of flanged immersion heaters are a bespoke product designed specifically to customer requirements. In most cases, the heating elements are fully welded into the required flange plate. For certain applications where titanium elements are required, mechanical compression fittings are used as an alternative. There are a variety of different control boxes available, from Mild Steel powder coated to Stainless Steel 316 for more durable applications.

We offer various controls including mechanical temperature controls and also a fully digital standalone heater which displays the current heater settings for more accurate requirements.



## Fields of Application

- IP55 terminal cover
- Typical flange diameters 90-645mm
- kW rating from 1-500kW, dependant on flange size

## Benefits

- Various sheath materials available (incoloy 800, 825, stainless steel 321, 304, 316, 309 & titanium)
- Various sheath diameters (8mm, 9.5mm, 10.9mm & 12mm)
- External input available
- Standard & bespoke flanges available (PN, ANSI)
- Range of gasket materials



## Technical specification

### HRF GAC2C Flanged Immersion Heaters - Brass

Product Code	kW	Number of Elements	Immersed Length (inches)
HRF1216 GAC2C	12	6	16
HRF1816 GAC2C	18	9	16
HRF2416 GAC2C	24	9	16
HRF2716 GAC2C	27	9	16
HRF3027 GAC2C	30	6	27
HRF3627 GAC2C	36	9	27
HRF4527 GAC2C	45	9	27
HRF5436 GAC2C	54	9	36
Temperature control: 40-88°C   Cut out temperature: 35-85°C			

### HRF ALC2Z Flanged Immersion Heaters - Stainless Steel

Product Code	kW	Number of Elements	Immersed Length (mm)
HRF1224 ALC2Z	12	6	600
HRF1824 ALC2Z	18	6	600
HRF2424 ALC2Z	24	12	600
HRF3624 ALC2Z	36	12	600
HRF3636 ALC2Z	36	12	900
HRF4824 ALC2Z	48	12	600
HRF4836 ALC2Z	48	12	900
HRF5436 ALC2Z	54	12	900
Temperature control: 40-88°C   Cut out temperature: 35-85°C			