

## HFY Flanged Industrial Immersion Heaters

The HFY range of flanged immersion heaters are suitable for all commercial and industrial hot water cylinders and process tank heating applications which are non-corrosive to the materials of construction. Each heater is supplied with an adjustable control thermostat, for automatic temperature control and Run Dry, manual reset, over-temperature protection thermostat.

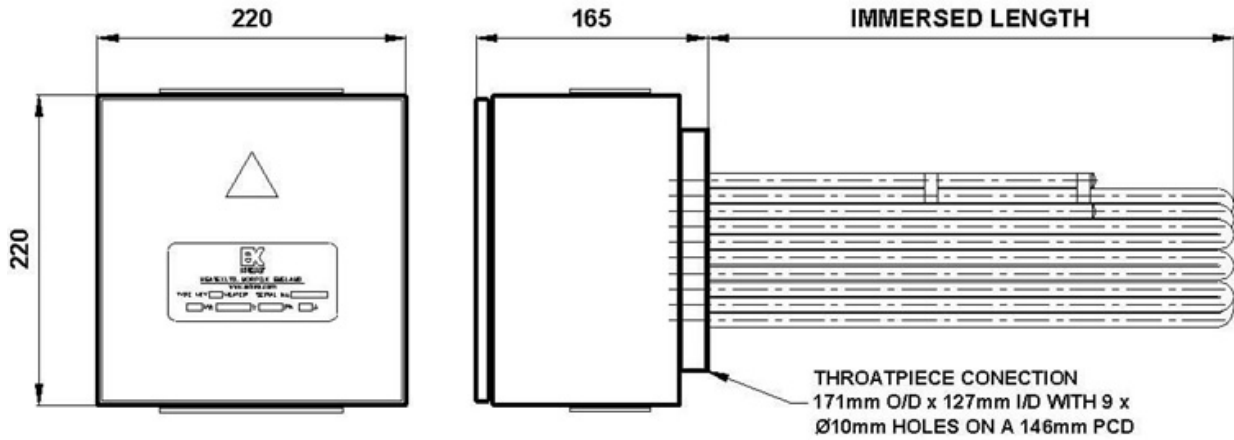


### FEATURES

- Individually replaceable Incoloy 825 elements
- Weatherproof terminal enclosure to IP54
- 'Run Dry' over temperature protection
- Brass or 316L stainless steel mounting flange
- Heavy duty stud terminals suitable for client cables
- Designed for horizontal installation only

### TYPICAL APPLICATIONS

- Calorifier packages
- Hot water storage tanks
- Cleaning and rinsing equipment
- Heat transfer system
- Boiler equipment



Model	Load kW 380V 3PH	Loading kW 415V 3PH	Loading kW 440V 3PH	Immersed Length (mm)
HFY 1216	10.1	12.0	13.5	405
HFY 1223	10.1	12.0	13.5	584
HFY 1816	15.1	18.0	20.2	405
HFY 1823	15.1	18.0	20.2	584
HFY 2416	20.1	24.0	27.0	405
HFY 2423	20.1	24.0	27.0	584
HFY 3027	30.2	36.0	40.5	685
HFY 4527	37.7	45.0	50.6	685
HFY 5436	45.3	54.0	60.7	915

- Enclosure** Heavy gauge, corrosion protected, mild steel having a hinged access door and two undrilled removable gland plates for cable entry (finished in grey stove enamel)
- Flange** Brass or 316L stainless steel having 8 bolt holes, 10mm diameter on 146mm PCD
- Elements** Nickel chrome resistance wire compacted in high purity magnesium oxide insulating powder and sheathed in corrosion resistant Incoloy; each element is secured to the flange by screwed compression fixings, making them individually replaceable
- Controls** A capillary type control thermostat and a manual reset cut-out thermostat are fitted as standard
- Working Pressure** The maximum allowable working pressure is 6 barg / 87 psig
- Thermostat Pockets** Two stainless steel pockets are secured into the flange by screwed compression fittings, one of which is thermally linked to the uppermost element
- Voltage** Standard units are nominally designed for 415V, and are suitable for operation on 380 to 440V electrical supplies; other voltages and alternative wiring configurations available on request