

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

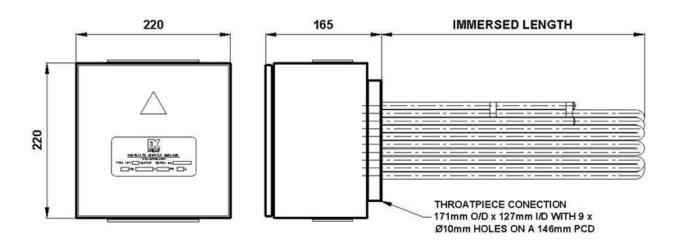
Heat transfer system

Boiler equipment





Hazardous Area Electric Heaters & Controls



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

