

'HB' Industrial Immersion Heaters

The EXHEAT 'HB' range of screwed or flanged immersion heaters are suitable for all commercial and industrial hot water cylinders, process tank heating, cooling tower frost protection and applications which are non-corrosive to the materials of construction. Each heater is supplied with an adjustable control thermostat scaled to suit the specific application.



FEATURES

- Robust lightweight steel enclosure with white nylon finish.
- Certified weatherproof to IP66.
- Suitable for working pressures of up to 8 Bar.g. Higher working pressures are available on request.
- All models fitted with Incoloy 825 elements and 2 off stainless steel thermostat pocket.
- Terminal box can be rotated through 360 degrees to allow final cable entry position to be chosen.
- Heavy duty brass fixing boss screwed 2", 2 ¼" and 2 ½" BSP. Alternatively supplied with square mounting flange.
- Up to two cable entries possible (standard 1 off).
- Standard immersion heaters are designed for horizontal installation only. Heaters for vertical installation are available to order.

TYPICAL APPLICATIONS

- Hot water storage tanks
- Pre-heating oil & water
- Food processing equipment
- Cleaning & rinsing equipment
- Heat transfer, Process and Boiler equipment
- Frost protection

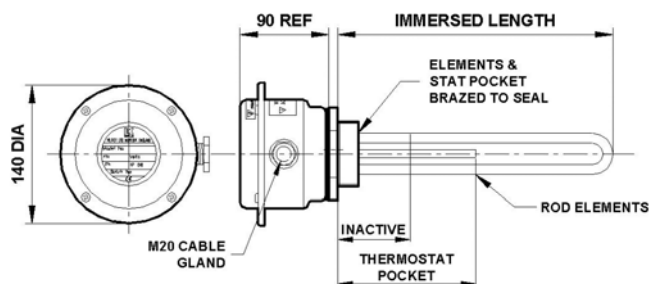
PRODUCT SPECIFICATION

Hazardous Area Process Heat & Control Solutions

ROD TYPE

Heat is transferred to the liquid by means of Incoloy 825 sheathed heating elements with automatic control being achieved by the integral adjustable thermostat.

Units marked * have been designed for use where space is limited. These have high flux ratings which should be considered when selecting heaters. Two thermostat pockets are fitted as standard to facilitate optional safety limit thermostat when required.



AVAILABLE WITH
PLATE MOUNTING

List No. 2" BSP Fixing	List No. 2¼" BSP Fixing	List No. 95mm Plate	Loading (kW)			PH	Immersed Length	
			220/380V	240/415V	254/440V		Ins	mm
HBV 111/B	HBV 111/A	HBV 111/S	0.84	1.00	1.12	1	11	280
HBV216/B	HBV 216/A	HBV 216/S	1.68	2.00	2.24	1	16	406
HBV311/B	HBV 311/A	HBV 311/S	2.52	3.00	3.36	1/3	11	280
	HBV 330/A	HBV 330/S	2.52	3.00	3.36	1/3	30	762
	HBV 411/A	HBV 411/S	3.36	*4.00	*4.48	1/3	11	280
	HBV 416/A	HBV 416/S	3.36	4.00	4.48	1/3	16	406
HBV 616/B	HBV 616/A	HBV 616/S	5.04	*6.00	*6.72	1/3	16	406
	HBV 630/A	HBV 630/S	5.04	6.00	6.72	1/3	30	726
	HBV 642/A	HBV 642/S	5.04	6.00	6.72	1/3	42	1067
	HBV 724/A	HBV 724/S	5.88	7.00	7.84	1/3	24	610
	HBV 916/A	HBV 916/S	*7.56	9.00	*10.08	1/3	16	406
	HBV 923/A	HBV 923/S	7.56	9.00	*10.08	1/3	23	584
HBV 926/B	HBV 926/A	HBV 926/S	7.56	9.00	*10.08	1/3	26	660
	HBV 936/A	HBV 936/S	7.56	9.00	10.08	1/3	36	914
	HBV 1223/A	HBV 1223/S	*10.08	*12.00	*13.34	1/3	23	584
HBV1233/B	HBV 1233/A	HBV 1233/S	10.08	12.00	*13.34	1/3	33	838

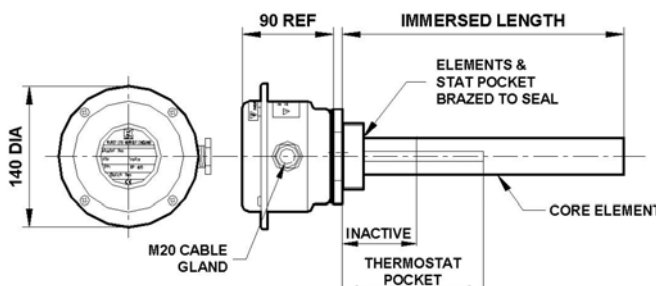
REMOVABLE CORE TYPE

This range is recommended for applications where the equipment cannot be easily drained.

Heat is transferred to the liquid by means of removable ceramic heating elements within a Carrier tube to allow replacement without draining.

Automatic control can be achieved by fitting a thermostat into the integral pocket.

Sheath material available in stainless steel or carbon steel.



AVAILABLE WITH
PLATE MOUNTING

WATER/OIL

List No. 2" BSP Fixing	List No. 2¼" BSP Fixing	List No. 95mm Plate	Loading (kW)			PH	Immersed Length	
			220V	240V	254V		Ins	mm
HBS123BS	HBS123AS	HBS123S	0.84	1	1.1	1	23	584
HBS244BS	HBS244AS	HBS244S	1.7	2	2.24	1	44	1118
HBS366BS	HBS366AS	HBS366S	2.52	3	3.36	1	66	1676

OIL

List No. 2" BSP Fixing	List No. 2¼" BSP Fixing	List No. 95mm Plate	Loading (kW)			PH	Immersed Length	
			220V	240V	254V		Ins	mm
HBX 115/B	HBX 115/A	HBX 115/S	0.84	1.00	1.12	1	15	381
HBX 226/B	HBX 226/A	HBX 226/S	1.63	2.00	2.24	1	26	660
HBX 336/B	HBX 336/A	HBX 336/S	2.52	3.00	3.36	1/3	36	914
HBX 447/B	HBX 447/A	HBX 447/S	3.36	4.00	4.48	1/3	47	1194
HBX 557/B	HBX 557/A	HBX 557/S	4.20	5.00	5.60	1/3	57	1448