

## 'HC' Immersion Heaters

The EXHEAT 'HC' range of removable ceramic core immersion heaters is suitable for all process fluids which are non-corrosive to the materials of construction. They provide a safe, low density, electrical heating method for fuel oil, lube oil, water and other bulk liquid storage tanks.



### FEATURES

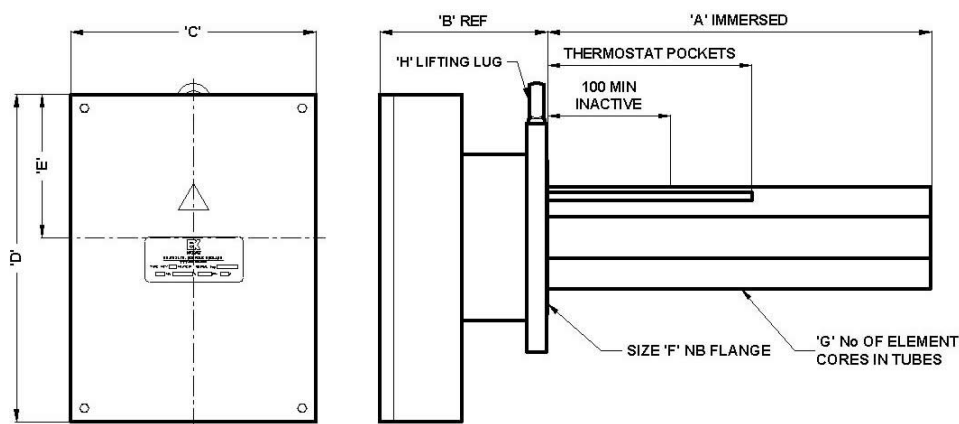
- Removable ceramic core elements can be replaced without drain down.
- Any flange specifications accommodated.
- Can be supplied with the terminal box mounted away from the flange, for high process temperature.
- Designed for horizontal installation only. Vertical mounting version available on request.
- Weatherproof terminal enclosure to IP55.
- Internal control thermostat(s) and overtemperature thermostat.
- Materials engineered to meet process requirements.

### TYPICAL APPLICATIONS

- Calorifier Packages
- Hot Water Storage Tanks
- Cleaning and rinsing equipment
- Heat Transfer Systems
- Cleaning and rinsing equipment
- Boiler equipment
- Fuel, lube oil
- Bulk liquid storage tanks

## PRODUCT SPECIFICATION

Hazardous Area Process Heat & Control Solutions



Item	Model No.	Dimensions (mm)								Stages	Core	
		'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'		Type	Qty
1	HC 1/3	750	204	260	360	170	100	1	M12	1	A	1
2	HC 2/6	750	205	300	400	175	150	2	M12	1	A	2
3	HC 3/9	750	205	300	400	175	150	3	M12	1	A	3
4	HC 3/12	950	205	300	400	175	150	3	M12	1	B	3
5	HC 3/15	1150	205	300	400	175	150	3	M12	1	C	3
6	HC 3/18	1350	205	300	400	175	150	3	M12	1	D	3
7	HC 6/24	946	209	350	500	230	200	6	M12	2 EQUAL	B	6
8	HC 6/30	1146	209	350	500	230	200	6	M12	2 EQUAL	C	6
9	HC 6/36	1346	209	350	500	230	200	6	M12	2 EQUAL	D	6
10	HC 6/42	1546	209	350	500	230	200	6	M16	2 EQUAL	E	6
11	HC 6/48	1746	209	350	500	230	200	6	M16	2 EQUAL	F	6
12	HC 9/54	1344	211	400	560	235	250	9	M16	3 EQUAL	D	9
13	HC 9/63	1544	211	400	560	235	250	9	M16	3 EQUAL	E	9
14	HC 9/72	1744	211	400	560	235	250	9	M16	3 EQUAL	F	9
15	HC 9/81	1944	211	400	560	235	250	9	M20	3 EQUAL	G	9
16	HC 12/96	1743	212	450	600	235	300	12	M20	3 EQUAL	F	12
17	HC 12/108	1943	212	450	600	235	300	12	M20	3 EQUAL	G	12
18	HC 12/120	2143	212	450	600	235	300	12	M20	3 EQUAL	H	12
19	HC 12/144	2543	212	450	600	235	300	12	M20	3 EQUAL	I	12
20	HC 15/180	2538	217	150	600	235	350	15	M20	3 RATIO 2/2/1	I	15

- Enclosure**      Folded steel finished in textured paint colour grey RAL 7032.
- Element**        Removable ceramic core, comprising high quality 80/20 Nickel Chrome resistance wire, contained within ceramic formers.
- Element Sheath**    A choice of Carbon Steel, Monel, Inconel, Incoloy, Stainless Steel or Titanium Sheath, depending upon the process application.
- Controls**        One over-temperature protection thermostat is fitted as standard, together with one control thermostat per heater stage.
- Mounting**        Any industry standard flange in any material can be specified, within the limits of the design parameters. Heaters can be either 'direct-on' or 'stand-off'.
- Rating**          Unlimited within the design parameters.
- Voltage**         Any electrical supply up to 690 v.