

CE

Oil Immersion Heaters

**Oil Immersion Heaters**

Product Description

These heaters are made of Nichrome wire sealed inside a Steel tubular high temperature grade pipe, which is compacted along with high grade MGO allowing it to withstand high insulation resistance, later the elements are brazed to a Cast Iron Flange/ Brass flange / S.S.Flange / and are provided with a Thermostat pocket, earthing terminal, & cap.

These heaters are designed to provide efficient heating which ensures that the Oil flash point is not achieved in case of non failure of temp. controller or sensor.

Features

- ▶ Available in s.s.304, s.s.316
- ▶ Incoloy, Sheathed elements, Brass
- ▶ S.S. or M.S. flanges available
- ▶ Lower watt density for effective heating
- ▶ Standard stock size available

Application

- ▶ Furnances, Oil tanks, For fuel oil heating, oil circulating, for systems which supply hot oil to plastic & chemicals processes
- ▶ Oil jacketted kettles and similar equipments

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Technical Specification

Sheath Material	Copper / SS304 / SS316 / Incoloy
Sheath Temperature	500° C Max.
Insulation Material	High Purity MgO.
Heating Element	NiCr 80:20
Voltage Rating	48 V to 440 V (Single / Dual / Three Phase)
Power Rating	50 W / in ² & above.
Tube Dia Options (in mm)	8, 10.5, 12.5, 15.5, 19
Power Tolerance	± 10%
Resistance	± 5%
Flange Sheath Material	SS304 / SS316 / MS
Threaded Flange Connection Options	1" / 1 ¼" / 1 ½" / 2" / 2 ½" / 3" BSPT Thread
Other Flange options	25 NB & above
Lead Connections	Screw Post
Thermocouple Probe	Available on demand

Custom Lengths and Wattage available.

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Standard Stock Sizes

Type	Watts	Volts	Length	Flange	No. of Elements
SOIH/10/438	1000W	230V	438 mm	2 ½" BSPT	1
SOIH/15/438	1500W	230V	438 mm	"	1
SOIH/20/438	2000W	230V	438 mm	"	2
SOIH/30/438	3000W	230/400Y V	438 mm	"	3
SOIH/40/575	4000W	230/400Y V	575 mm	"	3
SOIH/50/575	5000W	230/400Y V	575 mm	"	3
SOIH/60/575	6000W 7000W	230/400Y V	455 mm	"	3
SOIH/90/575	9000W	230/400Y V	575 mm	"	3

Custom Lengths and Wattage available.