IMMERSION HEATER D-8800

Used for heating up liquids and gases. Stainless steel is the material used for the unit.

SPECIFICATIONS

- up to 36” flange, ANSI B 16.5 carbon steel, high alloy steel
- enclosure class IP66
- heating element diameter: Ø8.5, Ø10.2, Ø12.7 and Ø16mm
- element materials: high alloy steel, nickel alloy and copper alloy
- length up to 3000mm (see table on next page)
- baffle plate made from stainless steel
- the unit can be supplied with:
  1) thermostat, thermoelement or PT100
  2) temperature transmitter
  3) condensation inhibiting unit
  4) approved cable glands, standard material: brass
- max. operating voltage 1100V

The maximum permitted heating element energy loss is based on a maximum surface load which is physically dependent on the temperature of the medium and the type of liquid substance. The safety device temperature setting will prevent the maximum temperature exceeding the temperature class.

APPLICATION

- heating of mineral oil, heavy oil and heat transmission oil
- pre- and postheating of gas
- heating and superheating of gases (nitrogen, natural gas, carbon dioxide gas, etc.)
- heat regeneration
- deicing
- process water
- evaporation water
- water separation of glycol
- heating of other fluid substances

ADVANTAGES

- up to 2.5MW per unit
- low maintenance costs
- lightweight design
- economical

STANDARDS

- in accordance with applicable standards

DESIGN

Pressure vessel or a combination of vessels as an integrated part of the heating unit. The units can be fitted with external dimensions of up to 36”. The vessel can be designed in accordance with the PED directive or the ASME VIII div. 1 standard.

Most preheaters are supplied complete with control systems for regulation of the operating temperature and maximum temperature. To ensure optimum design and compliance between preheaters and control systems, it is recommended that these are both developed and produced by JEVI.

It is also possible to combine the benefits of both -d- and -e-enclosures, resulting in the most cost-effective, specially produced solution to meet your own specific industrial heating requirements.
Type D-8800 Ex ed II C T6-T1

<table>
<thead>
<tr>
<th>Greater safety -e- size of unit</th>
<th>Type</th>
<th>Flange dim</th>
<th>Insertion length of immersion heater (mm)</th>
<th>Max. capacity, gases (kW)</th>
<th>Max. capacity, liquids (kW)</th>
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<td>400 x 400mm</td>
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<td>12”</td>
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