Flanged Immersion Heaters

Flanged Immersion Heaters with Custom Size and Shape Flanges

TPN4 Series

Typical Applications
- Hot Air Dryers
- Dehumidifying Dryers
- Heat Exchange Systems
- Water and Water Solutions
- Steam Tables
- Air Heating

Custom Immersion Heaters
This design consists of tubular heating elements silver brazed or TIG welded to a flange cut from steel or stainless steel plate. Flange plate size, thickness and shape are determined by the application. A fiber gasket is supplied with each heater. This type construction also lends itself to be easily and economically engineered into new equipment.

Hot Water Tank Heater, 2½” Square Steel Flanged, 1 Incoloy® 800 Element

- 2½” square x ¼” thick flange with gasket
- 70 watt/in² Incoloy® 800 tubular heating element
- 10-32 plated screw terminals
- Optional ceramic terminal block for high temperature applications

To Order
Visit omega.com/tpn4 for Pricing and Details

<table>
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<tr>
<th>Model No.</th>
<th>120V</th>
<th>240V</th>
<th>KW</th>
<th>Immersed Length</th>
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Ordering Example: TPN01167, 3 KW, 240 Vac, 3 phase flanged immersion heater.

Custom Engineered/Manufactured Heaters
An electric heater can be very application specific; for sizes and ratings not listed, OMEGA will design and manufacture a flanged immersion heater to meet your requirements.

Please Specify the Following:
- Wattage, Voltage and Phase
- Element Immersion Length
- Flange Size and Material
- Electrical Enclosure, if required
- Element Sheath Material
- Optional Features
- Element Watt Density