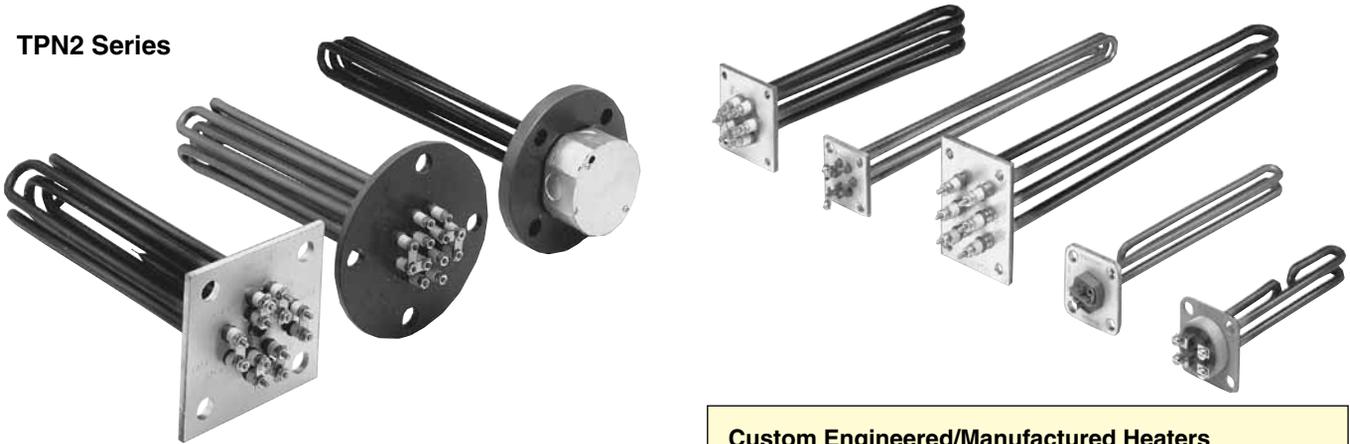


Flanged Immersion Heaters with Custom Size and Shape Flanges

TPN2 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.

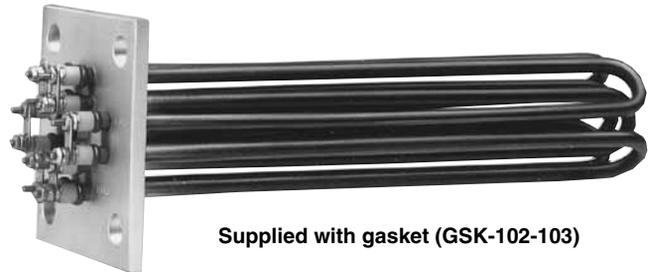
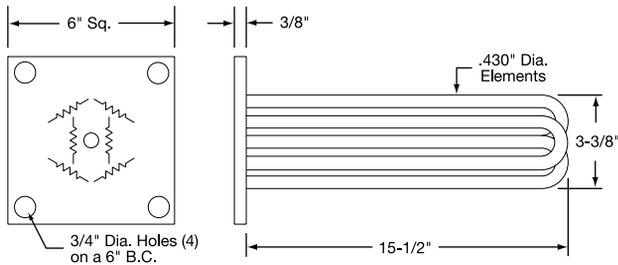
Custom Engineered/Manufactured Heaters

An electric heater can be very application specific; for sizes and ratings not listed, TRODEKS 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

6" Square Steel Flanged, 6 Incoloy® 800 Elements, 2 Circuits



Supplied with gasket (GSK-102-103)

To Order

| Model No. | | | | Approx Weight | | Element Sheath Material | KW | Watt Density | |
|-----------|----------|----------|----------|---------------|----|-------------------------|------|----------------------|----------------------|
| 208V-3Ph | 230V-3Ph | 460V-3Ph | 575V-3Ph | kg | lb | | | Watt/cm ² | Watt/in ² |
| TPN01168 | TPN01169 | TPN01170 | TPN01424 | 3.6 | 8 | Incoloy® 800 | 9 | 6.8 | 44 |
| TPN01425 | TPN01426 | TPN01427 | TPN01428 | 3.6 | 8 | | 10.5 | 8.1 | 52 |
| TPN01171 | TPN01429 | TPN01172 | TPN01430 | 3.6 | 8 | | 12 | 9.3 | 60 |
| TPN01431 | TPN01432 | TPN01433 | TPN01434 | 3.6 | 8 | | 15 | 10.9 | 70 |

Ordering Example: TPN01429, 12 KW, 230 Vac, 3 phase flanged immersion heater.