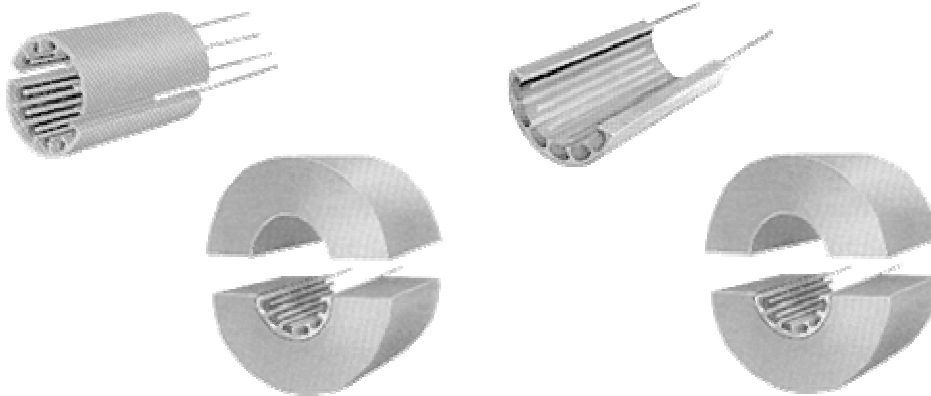


Hi Temperature 1000 deg C Ceramic Heaters



Hard Ceramic Heaters are used where extremely high process or part temperature are required. Hard Ceramic Heaters are capable of temperatures of 1200°C or 2200°F. Constructed out of a hard ceramic shell the heater have a Kanthal or Nichrome wire that is first coiled and then placed in a groove. After this is cured and covered with a high temperature cement that prevents the wire from oxidizing.

Hard Ceramic Heaters are available in circular or flat sections, and can be designed in a variety of voltages and watt densities. To form a circular heater they can be supplied in 1 /2 Rounds, 1 /4 Rounds, 6th rounds or 8th rounds. Flat plate heaters are available in various thickness'.

Hard Ceramic Heaters Features:

- Extremely high temperatures
- Longer life and durability
- Hard ceramic plates with varying thickness
- Flexible leads or braided leads
- Embedded elements
- Various sizes are available
- Various voltages available

Hard Ceramic Heaters Specifications:

Dimensions. Flat Plates Max Length 60" Max width 36"
Round Heaters any ID Can be manufactured
Voltage. 120, 240, 480, or 600 volts
Phase. Single or Three phase available
Termination's. Leads Braided Uninsulated2
Wattage. Maximum Up to 30 W/in
Maximum Temperature. . . . Up to 2200°F 1204°C
Options. Holes, Grooves, Notches, Cutouts, Available
Coils. Nicrome wire Embedded or Exposed
Accessories. Insulation Blankets 2200°F
Hard Board Ceramic insulation
High Temperature wires and connectors
Applications. Various types of furnaces Lab, Tube, Box.
Process Heat Radiant, and Conduction