



# ACE HEAT TECH

## CERAMIC STRIP HEATER:

Ceramic Strip Heater is made of Nickel Chrome Resistance wire helically wound coil, which is placed in the heater. The Coil is precisely strung through the ceramic insulator & then is mechanically connected to the screw terminals or lead wires as required. The outer body is made of SS304 Stainless Steel Sheath which provides physical strength & resistance to high temperature upto 600° C. The resistance wire coil is housed in specially designed ceramic insulator. The Ceramic Strip Heaters are available with or without mounting holes.

### Performance Ratings:

Maximum Sheath Temp. : 650°C  
Nominal Watt Density : 20 W / in<sup>2</sup> (3.1 W/cm<sup>2</sup>)

### Electrical Ratings:

Maximum Voltage : 480V AC (dependent on design parameters)  
Maximum Recommended Voltage w / Leads : 240V AC  
Maximum Amperage : Lead wire termination : 10 amp  
Screw terminations : 10 - 32 UNF - 25 amp  
Resistance Tolerance : +10%, -5%  
Wattage Tolerance : +5%, -10%

### Physical Size Construction Limitations:

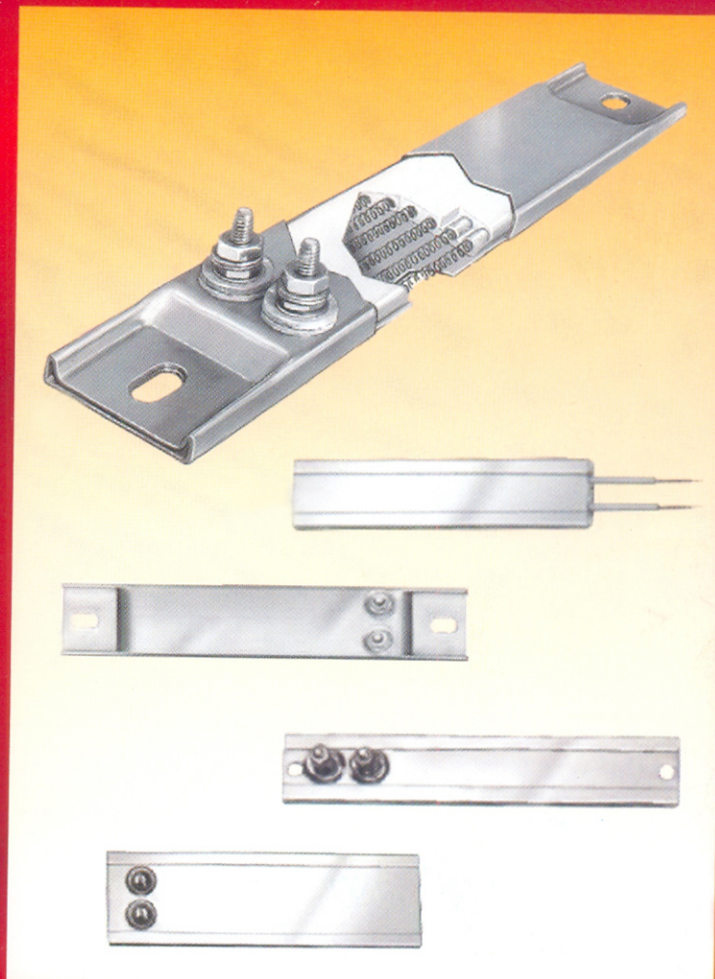
**Width:**  
5/8" wide heater : +.000, -.005"  
1" and 1 1/2" wide heaters : +.000, -.010"

**Thickness:**  
1/4" Thick heaters : +.000, -.005"  
5/16" and 3/8" thick heaters : +.000, -.008"

**Length:**  
Up to 24" : ±1/16"  
Over 24" : ±1/8"

### Mounting Slot Size:

Standard : 5/16" x 1/2"  
Special : 1/2" x 5/8"



These heaters are also available with fins for air heating applications. The fins have been specially designed to provide maximum surface contact for good heat dissipation thus resulting in rapid heat transfer to the air.

### Applications:

- Ovens
- Moulds & Dies
- Incubators
- Hot Plates
- Baking
- Air heating & much more

