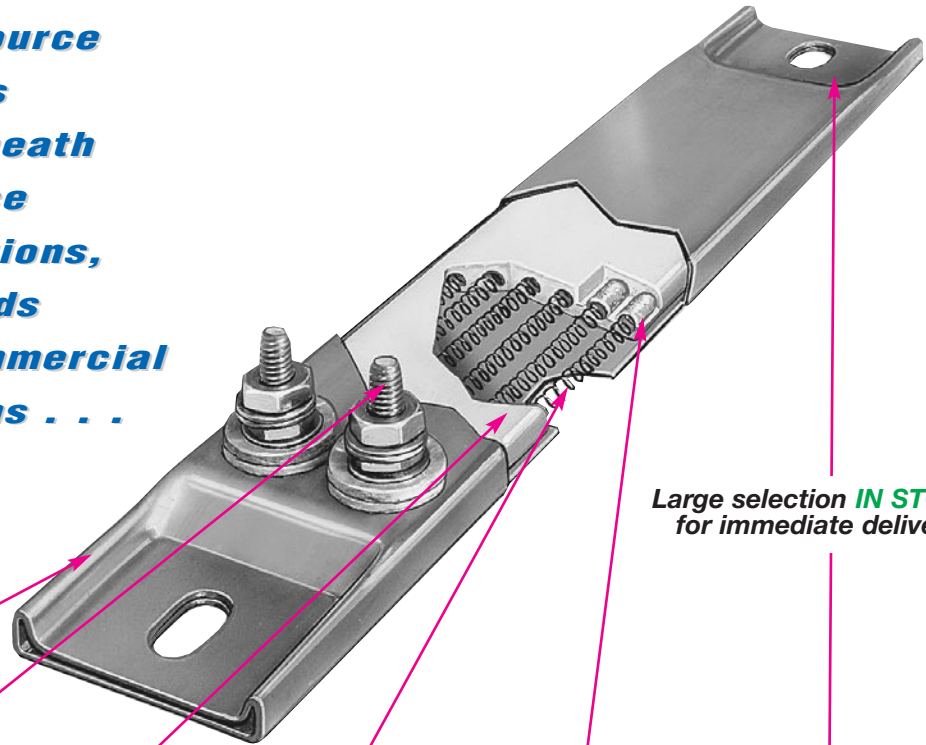


Ceramic Insulated

CHANNEL STRIP HEATERS

**A Reliable Heat Source
with Seamless
Stainless Steel Sheath
For Flat Surface
Mounting Installations,
Used in Hundreds
Of Industrial and Commercial
Heating Applications . . .**



**Large selection IN STOCK
for immediate delivery**

A Type 304
Stainless
Steel

sheath provides the best combination of physical strength and resistance to high temperatures and chemical corrosion. Dependable at sheath temperatures of up to 1200°F (650°C).

B Stainless
Steel
10-32

threaded screws are standard and are securely fastened. Various termination configurations and options are available. See pages 8-4 through 8-7.

C Specially
selected
and de-

signed ceramic insulator houses the resistance wire coil, insulating it from the outer sheath.

D Helically
wound
resistance

wire coil made from nickel-chrome wire is evenly stretched and precisely strung through the ceramic insulator, providing uniform heat. Resistance wire is then mechanically connected to screw terminals or lead wires for a strong positive joint.

E A custom
mixture
of several

high purity magnesium oxide grain sizes, chosen to increase thermal conductivity and dielectric strength, are used to fill all remaining space inside and around the ceramic insulator. Voids are densely packed.

F Channel
strip
heaters

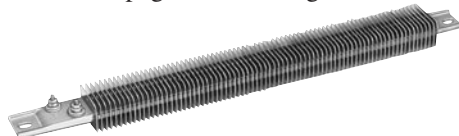
are available with or without mounting tabs. If without, the ends are silver soldered shut to prevent moisture and contaminants from entering the heater.

Typical Applications

- ➔ Ovens
- ➔ Hot Plates
- ➔ Dies
- ➔ Molds
- ➔ Drying
- ➔ Melting
- ➔ Baking
- ➔ Incubators
- ➔ Platens
- ➔ Food Warmers
- ➔ Welding Preheating
- ➔ Air Heating
- ➔ Sealing Bars
- ➔ Thermoforming
- ➔ Tank Heating



Note: Channel Strip Heaters are available with fins for air heating applications. See pages 8-12 through 8-15.



Agency Approvals



Channel Strip Heaters have been certified as Recognized Components by Underwriters Laboratories (File Number E65652) under CCN KSOT2/8 to meet UL standard 499 and Canadian Standard C22.2, No 72.

This file specifies the end use limitations and conditions of acceptability for the use of this type of heater. For additional information consult Tempco.

If you require UL, CSA, or other NRTL Agency Approvals, please specify when ordering.