Delivering Cutting-Edge Engineered
Cast-In Thermal Component Solutions

Today’s fast-paced and high-tech industries demand products that are high quality, unique, reliable, and diverse. Tempco is passionate about meeting those expectations and putting our customers’ needs first by providing quality service and products with superior capabilities. Tempco specializes in engineering and manufacturing customized cast-in thermal component solutions to service and support virtually all major industries. The following pages illustrate a sampling of cast-in thermal components we have produced for original equipment manufacturers (OEMs) and maintenance (MRO) applications that enjoy the advantages and benefits our products offer.

High Performance Cast-In Thermal Components are not Just a Challenge — They Are Our Bread & Butter.
Please Consult Us with Your Requirements.
We Welcome Your Inquiries.
Cast-In Heaters – Complex Geometrics for Diversified Industries

- Heating & Cooling Cylinder used in Lab Testing Equipment
- Cast-In Heater Used to Decrease Viscosity in Glue Processing
- Waste Treatment Sanitation Equipment Heater
- In-Line System for Pre-Heating Water to Induce Humidity in Baking Ovens
- Bronze Cast-In Heater for Package Sealing Machine
- Cast-In Platen used for Heating a Custom Rectangular Extruder Barrel
- Bronze Cast-In Heater for Pre-Heating Salt Baths
- Bronze Cast-In Heater for a Laminating Press
- Manifold Valve Assembly
- Bronze Cast-In Heater for Package Sealing Machine
- Used as a Resistor for Thermal Dynamic Braking of Large Electric Motors
- Cast Aluminum Motor Housing and Base with Integral Liquid Cool Capabilities used for Medium to Large Horsepower Electric Motors
- Can be made for any size motor.
- Developed and Patented by Tempco
- U.S. Patents: #6222289 & #5939808

CONTINUED
**Cast-In Heaters – Complex Geometrics for Diversified Industries**

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**Chemical Processing**
- Extrusion Die Heaters
- Food Service Equipment
- Glue Pots
- Heat Sealing Equipment
- Heat Treating Equipment
- Hot Melt Dispensing Equipment
- Hot Stamping Machinery
- Laboratory Equipment
- Laminating Equipment

**Life Science Equipment**
- Packaging Machinery
- Plastics Machinery
- Research and Development
- Silk-Screening Equipment
- Solvent Reclaim Equipment
- Steam Cleaning Equipment
- Textile Manufacturing
- Vacuum Forming

**Plastic Processing**
- Extrusion Die Heater

**Additional Applications Where Tempco Cast-In Heaters Are Used**

- Brass Casting Used in Industrial Processing Machinery
- Bronze Cast-In heater used to maintain Hydraulic Oil Temperature
- Used as Part of a Feed Nozzle in a Candy Processing Machine
- Used in the Packaging Industry for Adhering Tax Stamps to Cigarette Packs
- Used in a Thermoforming Mold
- Used for Heating a Rectangular Barrel for Sheath Extrusion
- Used for Heating Beakers in a Laboratory Environment
- Bronze Cast-In Heater Used in Helicone Mixture to Heat High Viscosity Material

**Note:** The cast-in thermal components shown on pages 3-6 through 3-14 are merely a sampling of our capabilities.

Let the endless possibilities spark your imagination!
Put our knowledge and experience to work for you.
Challenge us!
You will be glad you did.

We Welcome Your Inquiries