

## Packaged Systems Overview

- Heat Transfer Systems
- Large Tank Immersion Heaters
- Steam and Hot Water Boilers

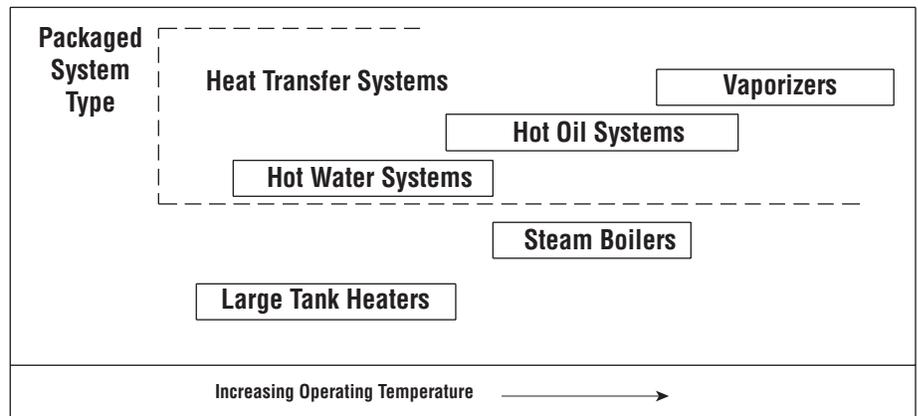
### Applications

Chromalox Packaged Systems are safe, versatile and easy to use heating systems for commercial and industrial applications. Pre-engineered and constructed with carefully matched components, the systems provide easy installation and trouble-free operation in the end user's application.

**Heat Transfer Systems** — Chromalox Packaged Heat Transfer Systems come complete with integral controls and can be used to heat and pump hot or cold fluids such as water, water-glycol solutions and a wide variety of heat transfer fluids including Dowtherm®, Therminol® and Syltherm® 800. Optional cooling modules are available.

**Large Tank Heating Systems** — Chromalox Packaged Large Tank Heating Systems are uniquely designed to heat large storage tanks located above or below ground and containing highly viscous fluids or heat sensitive materials.

**Steam & Hot Water Boilers** — Chromalox Packaged Electric Steam and Hot Water Boilers are safe and versatile heat sources that produce low or high pressure steam or hot water for commercial and industrial processes and for comfort heating applications. Chromalox electric boilers can be used anywhere steam is required and electric power is available. They are packaged units that operate from existing distribution voltages, making installation simple.



### Application Engineering

The Chromalox sales and service organization has the technical capabilities and equipment to satisfy virtually any heating or heating and cooling requirement. To assist you in calculating requirements for the more common process applications, we use three computerized heat loss programs:

- Platen Mold and Die Heating Calculations
- Jacketed Vessel Heating Calculations
- Roll Heating Calculations.

All work is performed in the strictest confidence. The Chromalox organization is the most experienced and diversified manufacturer in the electric heating business. Whatever your heating requirements, you can depend on the technical know-how of your Chromalox field representatives. Backed by highly skilled engineers and modern manufacturing facilities, Chromalox field sales engineers can help determine your requirements and provide you with high quality equipment, properly selected, sized and applied.

**Note** — The Chromalox sales organization can provide its customers with heat loss calculations, design layouts and equipment recommendations as a courtesy and on a no-charge basis. Neither Chromalox or its factory representatives assume any liability for the final selection, suitability or performance of the heating equipment in the end application, except as defined in our published equipment warranty at the back of this catalog.

### Standards & Specials

Chromalox has many standard and stock units which will fit many of the more common heating applications. However, Chromalox customers are not limited to "Standards". Chromalox specializes in designing systems to match specific process requirements and a special system designed for your unique application. Some of the more common special requirements include special ratings, sizes and configurations such as a multiple zone systems where each zone is an independent system of heating and cooling sections mounted on a common base.

Hundreds of other options are available including solid state temperature controllers with proportional or relay output, solid state sequencers, timers, alarms, solid state power controllers (SCR's), recorders, programmable controllers or recorders with digital communications linked to your computer or distributed process system (DPS).