Process Heating & Cooling

Equipment for Industrial Manufacturing

STERLING

The superior quality and performance of Sterling process cooling and temperature control equipment ensures a consistent and repeatable end product under the strictest of regulations.

Sterling offers decades of industry experience our team of knowledgeable experts can assist in the selection and sizing of the optimum equipment for your unique operating requirements.

TYPICAL INDUSTRIAL APPLICATIONS

- Die Casting & Metal Processing
- Food & Beverage
- Pharmaceutical
- Rubber Processing
- Chemical Processing
- Printing / Converting
- Paper, Film & Foil

KEY BENEFITS OF STERLING EQUIPMENT

IMPROVED QUALITY & EFFICIENCY

Helps to maintain product uniformity by holding mixes in a constant uniform state to improve quality and consistency.

IMPROVED PRODUCTION

Quickly establishing and maintaining precise, uniform temperature of mixes and ingredients provides faster batch production.

IMPROVED CONTROL

Recirculating heat transfer fluid offers control eliminating burning, scorching or overheating due to hot or cold spots that steam heating can cause.

Learn More at: Sterlco.com/Industrial

sterlco.com • info@acscorporate.com • 262.641.8600

Process Heating & Cooling

Equipment for Industrial Manufacturing

STERLING

Temperature Control Units

A full line of temperature control systems meet your demanding application needs. Each TCU combines precise, automatic temperature control with easy operation for unmatched reliability and performance.

- Heat and cool automatically
- Tempered water units up to 300ºF
- Tempered oil units up to 550ºF
- Control off product or circulating fluid temperature
- Ramp & soak recipe; programmability standard
- Stainless steel cabinetry, optional
- OPC UA Euromap 82.1, optional
- NEMA 4X electrics, optional
- Increased cost efficiency and cycle times

TC Series Family of Water TCUs

Oil TCUs

Cooling Systems

As the industry's leading brand, Sterling offers a full range of air and water cooled chillers, including: portable units, central chilling systems, full-size cooling towers and stainless steel pump tanks. The newest line of central chillers incorporates the latest in refrigeration technology with floating head pressure.

- Hermetically sealed scroll compressors (HE Chiller) and semi-hermetic screw compressors (GS Chiller)
- Packaged Chillers feature a unique design that simplifies services and maintenance while conserving valuable floor space.
- GP Series Packaged Chillers offer the broadest line of unitary chiller products on the market today.

GPL Series Packaged Chillers

LHE Central Chiller

Cooling Towers

Sterling SF Series fiberglass cooling towers offer unparalleled corrosion resistance, energy efficiency, and performance with a high life expectancy. For cooling requirements at 85°F (29.4°C) and above, water consumption may be reduced by 98.5% through the use of cooling towers to remove process heat. Sterling Cooling Tower Systems are used wherever a reduction in water usage, water costs, and/or control of mineral precipitation associated with cooling towers is desired.

SF Series Fiberglass Cooling Tower

Pump Tanks

Sterling provides the broadest range of pre-engineered pump tank assemblies for chilled water and cooling tower systems.

- Rugged stainless steel tank construction
- Close-coupled centrifugal pumps, mounted on a solid diamond plate pump ledge
- Insulation and cover standard on chilled water tanks
- Basket strainer standard on cooling tower tanks
- Available with pre-mounted/pre-wired control panel

Pump Tank

Learn More at: Sterlco.com/Industrial

sterlco.com • info@acscorporate.com • 262.641.8600