

CHEMICAL PROCESSING



Equipment for the
Chemical Industry



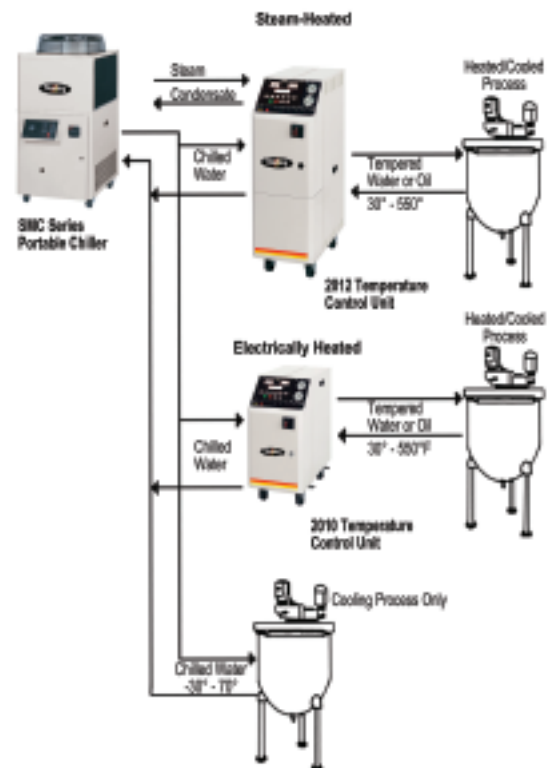
Custom
Equipment

COMPLETE LINE OF EQUIPMENT FOR THE CHEMICAL INDUSTRY

Sterling offers many key benefits such as improved quality, improved production and improved control with their line of chemical processing equipment. Sterling Temperature Control Systems are designed to maintain consistent temperatures for critical processes. Precise temperature control by heat transfer fluids eliminates burning, scorching or overheating due to hot or cold spots that steam heating can cause.

Typical Applications

- Heat and cool jacketed vessels
- Maintain product temperature in holding tanks
- Pipe heat tracing
- Conveyor cooling water
- Heating and cooling rolls
- Extruders
- Heat exchangers
- Steam replacement



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Temperature Control Units

Sterling offers a full line of temperature control systems to 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 300°F
- Tempered oil units up to 650°F
- Electric or steam heated
- Control off product or circulating fluid temperature
- Ramp & Soak "recipe" programmability standard
- Stainless steel cabinetry, optional
- NEMA 4X electrics, optional



Portable Chillers

All Sterling Portable Chillers feature a unique design that simplifies service and maintenance while conserving valuable production floor space.

- Compact footprints
- Temperature ranges from -30°F to 75°F
- Easy to operate controller
- Complete self-contained package



Central Chillers

The latest in efficient, reliable Central Chilling Systems with an advanced compact design and big system performance.

- 30-195 ton cooling capacity
- Semi-hermetic screw compressors in the SCW Series Chiller and hermetically sealed scroll compressors in the SSC Series Chiller
- Dual independent refrigerant circuits
- Water cooled or outdoor air cooled condensers
- Available with integral pump tank



Outdoor Chillers

Outdoor Chillers from Sterling are designed for exterior installation, freeing up valuable, indoor equipment space. Cooling capacity from 10 to 300 tons.

- 28 models available
- Hermetically sealed scroll compressors (30RAN Series Scroll Chiller) and semi-hermetic screw compressors (30RB Series Screw Chiller)
- Low ambient controls for temperature to -20°F



Pump Tanks

Outdoor Offers maximum efficiency, 1 year warranty on parts and labor, and as always, Sterling's unsurpassed customer service.

- Stainless steel tank construction
- Close-coupled centrifugal pumps, mounted on a solid diamond plate pump ledge
- Chilled water tank insulation and cover standard
- Basket strainers standard on cooling tower tanks
- Available with motor control panel



PRODUCT. PERFORMANCE. EXCELLENCE.

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