

SSC-WT SERIES

Sterling

Central Chilling System

KEEP COSTS DOWN WITH ENERGY SAVING CONTROL

The new SSC-WT Series Central Chilling Stations provide simply the best central chiller on the market today from 30 through 100 tons. Complete with scroll or screw compressors, PLC microprocessor and touch-screen control, stainless steel tank and brazed plate evaporators. Independent refrigerant circuits allow routine maintenance without costly downtime, and compressor staging provides energy saving capacity control.



Features

- Scroll or Screw Compressors: The latest in rotational compression technology, scrolls use 50% fewer moving parts than reciprocating compressors resulting in unparalleled efficiency, reliability and noise reduction. Hermetically sealed scroll compressors (SSC Series) or Semi-hermetic screw compressors (SCW Series)
- Brazed Plate Evaporators: Very compact and efficient, these stainless steel units can withstand freezing conditions
- Full Size Lug Style Butterfly Valves: Allows complete servicing of one circuit while other(s) remain online
- Water Regulating Valve (Water Cooled Units): Regulates the flow of water through the condenser for stable system operation (scroll only)
- Diamond Plate Solid Steel Pump Deck: Allows easy service and safety
- Welded Steel Frame: One-piece construction is perimeter welded to minimize vibrations and includes convenient fork lift slots for easy maneuvering
- Cleanable Shell and Tube Condensers: With epoxy-coated heads, easily accessible from the front of the unit, scale and fouling buildup can be removed quickly and easily
- Generously Sized Process and Recirculation Pumps: Optional dedicated standby pumps allow longer life (with automatic motor cycling) and reduced downtime due to pump maintenance and repair. Check valves allow automatic switchover (manual closing not required)
- Stainless Steel Reservoir: 100% non-ferrous stainless steel tank eliminates the need for routine tank maintenance. 1/2" tank insulation
- Branch Fusing: Provides additional Protection for individual motors
- Automatic Water Makeup Valve: triggered by a splash-protected float switch, it automatically adds water to the system to maintain desired level
- Hour Meters
- Refrigerant: R-134a (SCW Series) or R-22 (SSC Series)
- Standard PLC Screen, Allen-Bradley Micrologix 1500 with panelview 300 micro

Options

- Pumps
- Pressure Transducers
- Phase Sequence Under Voltage Replay
- Light stack
- Through the Door Disconnect: Padlockable handle provides convenient local power disconnection for electrical service
- Advanced PLC Screen, Allen-Bradley SLC 5/04 with panelview 1000

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