

COMMERCIAL/ INDUSTRIAL

PRODUCT LINE CARD



ST SERIES SEMI-INSTANTANEOUS WATER HEATERS

- Steam-to Water and Water-to-Water configurations
- Available in single and double wall construction.
- Copper (standard) and optional CuNi or SS bundle material of construction.
- Copper, Cu-Ni or SS material in contact with water (potable water).
- Fully packaged solution for quick and easy single point connections.
- Available in vertical or horizontal (optional) construction.
- Compact foot print- Fits through a standard doorway
- Standard trim is available up to 200 psi and optional up to 250 psi.
- Fully modulating energy input for precise temperature controls.
- NEW Advanced Electronic PID controls with touchscreen user interface and compatible with Building Management System via ModBus IP or built-in BacNet IP
- Domestic Water Pressure Drop: Less than 5 PSI
- Low Lead Complaint



SP SERIES INSTANTANEOUS WATER HEATERS

- Available with a Single Wall & Double Wall heat exchanger
 - Brazed Plate - Single Wall & Double Wall Construction
 - Plate and Frame - Double Wall Construction
- $\pm 4^{\circ}\text{F}$ temp control, 5°F Approach Temperature
- Fully modulating electronic 3-Way control valve
- Potable water: Stainless steel or copper alloys construction for domestic water
- Control Panel can be rotated 180° for easy readability
- NEW Advanced Electronic PID controls with touchscreen user interface and compatible with Building Management System via ModBus IP or built-in BacNet IP
- Fully packaged solution for quick and easy single point connections
- Compact Footprint- unit can fit through standard doorways
- Compatible with Medium, Normal and Low Temperature Boiler Water



STP SERIES TANK AND PLATE STORAGE WATER HEATER

- Recovery rates from 600 to 10,800 GPH with 180°F boiler water for 100°F temperature rise.
- Tank Sizes ranging from 175 to 500 gallons standard. 765-1000 gallons special order
- Domestic storage temperature control range $50-180^{\circ}\text{F}$.
- Double Wall Brazed Plate Heat Exchanger – 316L stainless steel plates. (AHRI 400 Rated)
- Modular design with simplex and duplex heat exchanger options available for built-in redundancy and extra capacity.
- NEW Advanced Electronic PID controls with touchscreen user interface and compatible with Building Management System via ModBus IP or built-in BacNet IP
- Temperature control options:
 - Standard: Using either VFD pump or 2-way or 3-way control valve on boiler water side (modulating heat input)
 - Optional Simple control: Domestic solution with pump enable/disable based on aquastat to maintain domestic water storage temperature set point
- Storage Tank Material- Standard: Carbon steel Tank with double glass lining
 - Optional: Power anodes with carbon steel tanks or Duplex stainless steel
- Fully Assembled- Skid Mounted Package for quick and easy single point connections



SPC SERIES LIQUID COOLER

- $\pm 2^{\circ}\text{F}$ temp control, 5°F Approach Temperature
- Fully modulating electronic 3-Way control valve
- Control Panel can be rotated 180° for easy readability
- NEW Advanced Electronic PID controls with touchscreen user interface and compatible with Building Management System via ModBus IP or built-in BacNet IP
- Fully packaged solution for quick and easy single point connections
- Compact Footprint- unit can fit through standard doorways
- Compatible with chilled water and other liquids
- Optional heat exchanger insulation is available
- Certifications: ANSI/AHRI 400, ASME



SS SERIES- UNFIRED STEAM GENERATOR

- Fiberglass Insulation
- 20 Gauge Steel Jacket With Enamel Paint
- Structural Steel Support Skid Base
- Boiler Steam/Clean Steam Pressure Gauges
- Blow Off Manual & Automatic
- Gauge Glass
- Steam Separator
- High Pressure & Low Water Cut Off
- ASME Pressure Relief Valve
- Total Dissolved Solids Monitor (optional)



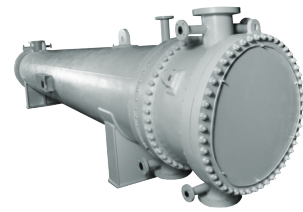
PLATE & FRAME HEAT EXCHANGERS

- Single and Double wall construction
- Up to 24" ports
- Plate material- 304, 316, Titanium
- High thermal efficiency
- Low hold-up volume
- Easy maintenance
- Cost-effective solutions especially when exotic materials are required
- Certifications: ASME, AHRI 400 Available
- Replacement Parts Available



BRAZED PLATE HEAT EXCHANGERS

- Available in Single Wall and Double Wall Construction
- Cover a wide range of cooling and heating capacities
- Resist scaling and fouling; effective self-cleaning



SHELL & TUBE HEAT EXCHANGERS

TUBE BUNDLE REPLACEMENTS

- Custom & Standard Designs
- U Tube & Straight Tube Design
- Carbon Steel, Stainless Steel & Exotic Alloy Materials
- ASME Tested and Stamped Replacement Parts Available



HVAC COILS

- Water, Steam and other mediums
- High pressure applications
- In a full range of materials including copper, brass, aluminum, stainless steel, carbon steel and 90/10 Cupro-Nickel, Plate Fin and Helical Fin
- 24 Hour Rush Options Available



DOMESTIC WATER STORAGE TANKS

- Designed for storage of potable hot water up to 180°F degrees
- Vertical or Horizontal configurations.
- 125 PSI (standard). 150 psi ~ 160 psi (optional)
- 3" NPT circulation fittings (standard). Custom connection sizes optional.
- Glass Lining (standard). Double glass lining (optional).
- Magnesium Anodes (standard) Power Anodes (optional).
- Lifting Lugs Standard
- Red Oxide Primer
- Jacketed and insulated, bare or R-16 Topcoat.
- Duplex Stainless Steel option available.