HYDRONIC HEAT TRANSFER

ONE-STOP-SHOP

VHF Sales, Inc.

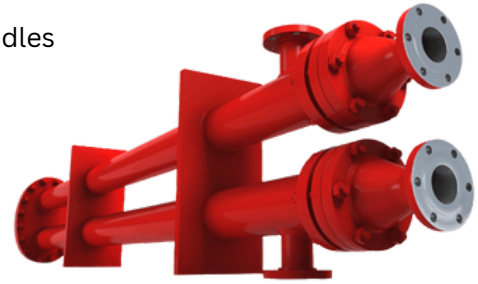
Heat Exchangers

From brazed plate to shell & tube designs, API's heat exchangers handle the energy exchange your system depends on whether isolating fluids, recovering heat, or optimizing temperature transfer between loops.

API HEAT TRANSFER

TYPES

- Replacement Tube Bundles
- HX Thermal Systems
- Shell & Tube HE
- Plate/Frame HE
- Brazed plate HE
- Air-cooled HE



Evaporative Cooling Towers

TYPES

- TMX Series Induced Draft Towers
- **TM Series Induced Draft Towers**
- **Paragon Induced Draft Towers**
- **Pioneer Forced Draft Towers**
- **Anti-Microbial Cooling Towers**

Engineered for longevity, Delta's seamless, corrosion-proof cooling towers are the hydronic system's final stage of heat rejection. Delta towers offer low-maintenance operation, exceptional durability, and consistent performance. Their factory-assembled designs make installation fast and straightforward.

DELTA Cooling Towers, Inc.

Modular Heat Pump & Energy Recovery

ClimaCool's modular chillers and heat pumps bring maximum flexibility to hydronic system design. Their compact, scalable units support both heating and cooling in one footprint. Ideal for 4 to 6 pipe systems, decoupled loops, or staged redundancy. Whether used in new construction or retrofit projects, ClimaCool delivers energy-efficient performance, load-matching capability, redundancy and easy integration into your system layout.

CLIMACOOL

TYPES

- Air-Source Heat Pump Chillers
- Water-Source Modular Heat Pump Chillers

Condensing Units & Fluid Coolers

TYPES

- Fluid Coolers
- Condensing Unit
- Duct Booster Coils
- Belt Drive AHUs
- Direct Drive Fan Coils
- Sentry Guard Freeze Protection
- Custom & Replacement Coils

From custom air handling units to fan coils, booster coils, and replacement HVAC coils, USA's lineup supports both new construction and retrofit applications. Designed for chilled water, hot water, or steam, their coils ensure efficient energy transfer to maintain comfort. When paired with pumps, chillers, and boilers, USA Coil & Air helps complete a balanced and responsive hydronic system from plant to space.

USA COIL & AIR

VHF Sales, Inc.

Need Help Sizing or Selecting?

Whether you're designing a new system or replacing an old one, we're here to help you size, select, and budget. From pricing to final specs, our team supports your project every step of the way.

✉ info@vhfsales.com | ☎ 515-986-3671

Pump Reservoir Skids

In a Thermal Care hydronic pump skid system, the reservoir tank stores process fluid and keeps a steady supply to ensure efficient pump performance. Features like auto water make-up, temperature monitoring, and discharge check valves help prevent flowback and water hammer at start-up.

TYPES

- Packaged Outdoor Air-Cooled Chillers
- Portable & Packaged Chillers
- Cooling Towers
- Central Chillers
- Temp Controllers
- Pumping Systems
- Fluid Coolers

THERMAL CARE
Superior equipment, Exceptional service

HFCG Adiabatic Fluid Coolers

To cut energy use and operating costs (or maintain clean process water) consider Thermal Care's HFCG Adiabatic Fluid Cooler. These closed-loop units use ambient air and a unique adiabatic design to achieve water temperatures comparable to evaporative cooling towers year-round.

American Wheatley manufactures high-quality hydronic accessories that support system balance, protection, and efficiency. The buffer tank stores excess energy when demand is low and releases it when demand increases, maintaining consistent temperatures and reducing energy waste. Additionally, it improves system efficiency by allowing the heat source to run for longer periods, thus avoiding frequent on-off cycles that can lead to wear and tear.

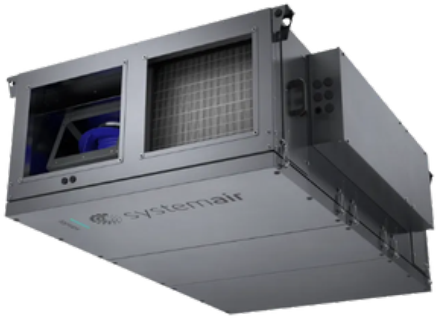
AMERICAN WHEATLEY

TYPES

- Multi-Port Buffer Tanks
- Hydraulic Separators
- Expansion Tanks
- Flow Control Valves
- Suction Diffusers
- Air Separators
- Dirt Separators
- Triple Duty Valves
- ASME Tanks

Buffer Tanks

TopVex Energy Recovery Ventilator (ERV)



TYPES

- Geniox Air-Handling Units
- Topvex Energy Recovery Units
- Duct Fans

In a hydronic system, Systemair ERVs recover heat and moisture from exhaust air to pre-condition incoming fresh air, reducing the load on heating and cooling equipment. Systemair AHUs distribute filtered, temperature-controlled air using hot or chilled water coils connected to the hydronic system. Together, they improve indoor air quality, energy efficiency, and occupant comfort.

systemair