



Products used in multi-family residential projects designed with central heating and plumbing equipment as well as in commercial projects  
For other residential designs see HSC product offering

## Commercial Mechanical and Plumbing Products

Rev 8.21.19

### Mechanical

#### Hydronic Boilers

**Thermal Solutions:** AMP large condensing boiler. AHRI certified at 97% efficient. 5:1 turndown modulation. 1,000 to 4,000 MBH capacities. [thermalsolutions.com](http://thermalsolutions.com)

**U.S. Boiler (Burnham):** Residential, light commercial hydronic heating boilers. Firetube and water tube boilers that are quiet and feature the intuitive Sage control system. [usboiler.net](http://usboiler.net)

**Alpine boiler series:** From 399 MBTU to 800 MBTU. Configured to be the easiest boiler replacement for the Munchkin. [usboiler.net](http://usboiler.net)

**Aspen fire-tube series:** Equal to the Knight, Triangle Tube and EFT boilers. [usboiler.net](http://usboiler.net)

**Alpine boiler series:** Double stack to 1.6 MBTU. [usboiler.net](http://usboiler.net)

#### Combi Boilers

**Aspen fire-tube series:** Has a 155 MBTU combi boiler. [usboiler.net](http://usboiler.net)

**K2 water tube:** Has a 135 MBTU and a 180 MBTU combi. [usboiler.net](http://usboiler.net)

#### Pumps

**AquaMotion:** Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. [aquamotionhvac.com](http://aquamotionhvac.com)

**Wilo:** Commercial end suction base mounted, vertical inline pumps. [wilo-usa.com](http://wilo-usa.com)

### Controls

#### Controls

**HBX Control Systems:** WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. [hbcontrolsystems.com](http://hbcontrolsystems.com)

**Taco:** Zone controls and switching relays. [taco-hvac.com](http://taco-hvac.com)

### Hydronic Specialties

#### Hydronic Accessories

**Taco:** Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. [taco-hvac.com](http://taco-hvac.com)

**Elbi of America:** Expansion tanks ASME and non-Code, air separators, suction diffusers, commercial hydronic accessories. [elbi.net](http://elbi.net)

**Miljoco:** Temperature and pressure gauges. [miljoco.com](http://miljoco.com)

#### Circulators

**AquaMotion:** Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. [aquamotionhvac.com](http://aquamotionhvac.com)

#### Heat Exchanger

**SWEP:** Brazed plate heat exchangers, single and double wall options. [swep.net](http://swep.net)

**Plate Concepts:** Plate and frame heat exchangers. [plateconcepts.com](http://plateconcepts.com)

#### Radiant Heating

**Thermalboard:** 5/8" tall composite plywood radiant floor with aluminum heat transfer, grooved out to 8" on center, using 3/8" tubing. [thermalboard.info](http://thermalboard.info)

**Mr. Pex:** Hydronic and potable Pex A tubing up to 2" and pre-insulated PEX. Includes all necessary manifolds, accessories, and fittings. [mrpexsystems.com](http://mrpexsystems.com)

#### Radiant Insulation

**NOFP:** Easy-to-install flexible foam insulation for hydronic radiant systems. [nofp.com](http://nofp.com)

**rFoil:** Easy to install roll out reflective radiant insulating material. [rfoil.com](http://rfoil.com)

#### Fan Convectors

**Myson RCU:** Recess wall-mounted with flow and zone control built in. [mysoncomfort.com](http://mysoncomfort.com)

**Myson:** Kickspace, wall units, hot & chilled water fan convectors. [mysoncomfort.com](http://mysoncomfort.com)

**Jaga:** Recessed wall, ceiling, and floor heating and cooling units. [jaga-usa.com](http://jaga-usa.com)

#### Radiators

**Myson:** Décor, and Select style radiators. Recessed and wall mounted fan convectors for residential and multifamily residential applications. Wall mounted electric resistance heaters. [mysoncomfort.com](http://mysoncomfort.com)



## Baseboards

**Embassy:** System 6 commercial baseboard radiation. [www.embassyind.com](http://www.embassyind.com)

# Plumbing

## Volume Water Heaters

**Hubbell:** NX boiler, 200 MBTU to 800 MBTU. [hubbellheaters.com](http://hubbellheaters.com)

## Storage Tanks and Pressure Vessels

**Elbi NTA series:** Glass lined storage tanks. 80, 120, 200 gallon stock tanks. [elbi.net](http://elbi.net)

**Elbi:** ASME storage tanks, epoxy lined. Air separators, expansion tanks, hydropneumatic tanks, suction diffusers, buffer tanks, chilled water tanks - all varieties of pressure vessels.

[elbi.net](http://elbi.net)

**Hubbell:** Cement lined tanks (Hydrastone). [hubbellheaters.com](http://hubbellheaters.com)

**Alliance SL:** Stone-lined, 27 to 70 gallon capacities, indirect tank & coil. [usboiler.net](http://usboiler.net)

**Alliance LT:** Thermoplastic, 30 to 119 gallon capacities, indirect tank & coil. [usboiler.net](http://usboiler.net)

**South Gate Engineering:** ASME storage tanks. [southgateengineering.com](http://southgateengineering.com)

## Tankless

**Vesta:** Hybrid Water Heater, VH-199. Commercial condensing gas tankless water heater, 5 to 1 turn-down fire, .91 UEF ratings, 199,000 btu/hr. capacity, fire tube design which makes it less vulnerable to scaling. It contains a 3 gal. S.S. storage tank helping to prevent cold water sandwiching. [vestahws.com](http://vestahws.com)

**Canariis:** A wide range of domestic water pressure booster systems. [canariis.com](http://canariis.com)

## Pressure Booster Systems

## Electric and Steam Water Heaters

[hubbellheaters.com](http://hubbellheaters.com)

**Hubbell:** Commercial water heaters. High capacity electric, semi-instantaneous steam, instantaneous booster heaters. Storage type: Emergency tepid water heaters, DI water heaters, other special purpose water heaters. [hubbellheaters.com](http://hubbellheaters.com)

## Tank Type Water Heaters

**Hubbell GSE:** Cement lined steel tank with gas-fired burner. 316 SS. Internal heat exchanger that is serviceable. [hubbellheaters.com](http://hubbellheaters.com)

## Combi Boilers

**Hubbell GSE:** Stainless steel tank with gas-fired burner. Includes brazed heat exchanger for space heating application. (Click on the **options** tab at the website) [hubbellheaters.com](http://hubbellheaters.com)

**Aspen fire-tube series:** Has a 155 MBTU combi boiler. [usboiler.net](http://usboiler.net)

**K2 water tube:** Has a 135 MBTU and a 180 MBTU combi. [usboiler.net](http://usboiler.net)

# Solar Hot Water

**Note:** HSC can include all necessary solar specialties to make a complete solar hot water system. This includes controls, drain back tanks and pumps.

**AET:** Solar thermal systems. Flat Plate solar thermal collectors, CSI approved for residential DHW systems low income housing rebates. [AETSolar.com](http://AETSolar.com)

**Power Panel PVT:** Combined PV and solar thermal panel. More efficient than a standard individual PV and solar thermal panel. [Powerpanel.com](http://Powerpanel.com)

**Fernox:** Non-Toxic propylene glycol. [fernox.com](http://fernox.com)

**Hubbell:** Solar storage tanks. Stainless steel, cement or galvanized, with electric or boiler backup. [hubbellheaters.com](http://hubbellheaters.com)

**Hubbell GSE:** Stainless steel tank with solar heating coil with gas-fired burner as backup. [hubbellheaters.com](http://hubbellheaters.com)

# Heat Pumps

## Heat Pumps

**Chiltrix:** The worlds most efficient heat pump for space heating, cooling and DHW. [chiltrix.com](http://chiltrix.com)

**Hubbell:** Heat pump water heater with electric backup. [hubbellheaters.com](http://hubbellheaters.com)

**Spacepak & Monobloc:** Hydronic heating and cooling. [spacepak.com](http://spacepak.com)

**Aermec:** The ANK reversible heat pump produces hot water of up to 60°C in outdoor temperatures between -20°C and 42°C. It reduces heating costs by up to 30% compared with the best conventional systems and condensation boilers. [aermec.com](http://aermec.com)

# Water Treatment Chemicals



## Water Treatment

**Fernox:** Hydronic non toxic chemicals, and open loop exchanger cleaning chemicals. Propylene glycol, non-toxic. [fernox.com](http://fernox.com)

**GTP:** Industrial hydronic feeder systems. [gtpcompany.com/industrial](http://gtpcompany.com/industrial)

**JJM:** Condensate neutralizers, residential and Commercial. [jimboilerworks.com](http://jimboilerworks.com).

**Scaltrol:** Open loop hard water treatment system. [scaltrolinc.com](http://scaltrolinc.com)

## Special Purposes

### Mixing Valves

**Paxton:** 1-1/2" to 3" stainless steel valves for commercial applications. [paxtoncorp.com](http://paxtoncorp.com)

### Industrial Process Heat Packages

**Hubbell:** Custom design – skid packaged. [hubbellheaters.com](http://hubbellheaters.com)

### RO/DI Heaters

**Hubbell:** Instantaneous and storage type electric heaters. [hubbellheaters.com](http://hubbellheaters.com)

### Emergency Shower and Eyewash

**Hubbell:** Electric tepid water heaters. [hubbellheaters.com](http://hubbellheaters.com)

### Packaged Systems

**Canariis:** Custom Skid packaging. [canariis.com](http://canariis.com)

### Sump and Sewage Ejectors

**Aqua-pro Pump Systems:** [aquapropumpsystems.com](http://aquapropumpsystems.com)