



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

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Mechanical

Hydronic Boilers

Thermal Solutions: AMP large condensing boiler. AHRI certified at 97% efficient. 5:1 turn-down modulation. 1,000 to 4,000 MBH capacities. 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

Alpine boiler series: From 399 MBTU to 800 MBTU. Configured to be the easiest boiler replacement for the Munchkin. usboiler.net

Aspen fire-tube series: Equal to the Knight, Triangle Tube and EFT boilers. usboiler.net

Alpine boiler series: Double stack to 1.6 MBTU. usboiler.net

Combi Boilers

Aspen fire-tube series: Has a 155 MBTU combi boiler. usboiler.net

K2 water tube: Has a 135 MBTU and a 180 MBTU combi. usboiler.net

Pumps

Wilco: Commercial end suction base mounted, vertical inline pumps. wilo-usa.com

Hydronic Specialties

Hydronic Accessories

Taco: Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. taco-hvac.com

Elbi of America: Expansion tanks ASME and non-Code, air separators, suction diffusers, commercial hydronic accessories. elbi.net

Miljoco: Temperature and pressure gauges. miljoco.com

Circulators

Taco: Hydronic & recirculation pumps to 235 gpm. Best selection of ECM, Delta-P and Delta-T pumps. taco-hvac.com

Boiler Controls

Taco: Zone controls and switching relays. taco-hvac.com

Tekmar: WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. tekmarcontrols.com

Heat Exchanger

SWEP: Brazed plate heat exchangers, single and double wall options. SWEP.net

Plate Concepts: Plate and frame heat exchangers. 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

Mr. Pex: Hydronic and potable Pex A tubing up to 2" and pre-insulated PEX. Includes all necessary manifolds, accessories, and fittings. mrpexsystems.com

Ecowarm: 3/4" tall plywood radiant floor with aluminum heat transfer, grooved out to 12" on center, using 1/2" pex tubing. ecowarmradiantheat.com

Radiant Insulation

NOFP: Easy-to-install flexible foam insulation for hydronic radiant systems. nofp.com

rFoil: Easy to install roll out reflective radiant insulating material. rfoil.com

Fan Convectors

mysoncomfort.com

Myson RCU: Recess wall-mounted with flow and zone control built in.

Myson: Kickspace, wall units, hot & chilled water fan convectors.

Jaga: Recessed wall, ceiling, and floor heating and cooling units. jaga-usa.com

Radiators

mysoncomfort.com

Myson: Décor, and Select style radiators. Recessed and wall mounted fan convectors for residential and multifamily residential applications. Wall mounted electric resistance heaters.

Baseboards

Heating Edge: High capacity hydronic base board heaters. smithsep.com

Embassy: System 6 commercial baseboard radiation.



Plumbing

Volume Water Heaters

Hubbell: NX boiler, 200 MBTU to 800 MBTU. hubbellheaters.com

Storage Tanks and Pressure Vessels

Elbi NTA series: Glass lined storage tanks. 80, 120, 200 gallon stock tanks. 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

Hubbell: Cement lined tanks (Hydrastone). hubbellheaters.com

Alliance SL: Stone-lined, 27 to 70 gallon capacities, indirect tank & coil. usboiler.net

Alliance LT: Thermoplastic, 30 to 119 gallon capacities, indirect tank & coil. usboiler.net

South Gate Engineering: ASME storage tanks. southgateengineering.com

Tankless

Vesta: Hybrid Water Heater, VH-199. Commercial condensing gas tankless water heater, 5 to 1 turndown 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 sand-wiching. vestahws.com.

Pressure Booster Systems

Canariis: A wide range of domestic water pressure booster systems. canariis.com

Electric and Steam Water Heaters

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

Tank Type Water Heaters

Hubbell GSE: Cement lined steel tank with gas-fired burner. 316 SS. Internal heat exchanger that is serviceable.. hubbellheaters.com

Combi Boilers

Hubbell GSE: Stainless steel tank with gas-fired burner. Includes brazed heat exchanger for space heating application. hubbellheaters.com

Aspen fire-tube series: Has a 155 MBTU combi boiler. usboiler.net

K2 water tube: Has a 135 MBTU and a 180 MBTU combi. 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

Power Panel PVT: Combined PV and solar thermal panel. More efficient than a standard individual PV and solar thermal panel. Powerpanel.com

Fernox: Non-Toxic propylene glycol. fernox.com

Hubbell: Solar storage tanks. Stainless steel, cement or glasslined, with electric or boiler backup. hubbellheaters.com

Hubbell GSE: Stainless steel tank with solar heating coil with gas-fired burner as backup. hubbellheaters.com

Heat Pumps

Heat Pumps

Chiltrix: The worlds most efficient heat pump for space heating, cooling and DHW. chiltrix.com

Hubbell: Heat pump water heater with electric backup. hubbellheaters.com

Spacepak & Monobloc: Hydronic heating and cooling

Water Treatment Chemicals

Water Treatment

Fernox: Hydronic non toxic chemicals, and open loop exchanger cleaning chemicals. Propylene glycol, non-toxic. fernox.com
GTP: Industrial hydronic feeder systems. gtpcompany.com/industrial
JJM: Condensate neutralizers, residential and Commercial. jjmboilerworks.com.
Scaltrol: Open loop hard water treatment system. scaltrolinc.com

Special Purposes

Mixing Valves

Paxton: 1-1/2" to 3" stainless steel valves for commercial applications. paxtoncorp.com

Industrial Process Heat Packages

Hubbell: Custom design – skid packaged. hubbellheaters.com

RO/DI Heaters

Hubbell: Instantaneous and storage type electric heaters. hubbellheaters.com

Emergency Shower and Eyewash

Hubbell: Electric tepid water heaters. hubbellheaters.com

Packaged Systems

Canariis: Custom Skid packaging. canariis.com

Sump and Sewage Ejectors

Aqua-pro Pump Systems: aquapropumpsystems.com