



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 6.4.19

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

Wilo: 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. www.embassyind.com



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. (Click on the **options** tab at the website) 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 galvanized, 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. spacepak.com

Water Treatment Chemicals

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| 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 |
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Special Purposes

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| 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 |