



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 4.14.19

Mechanical

Hydronic Boilers

Thermal Solutions, AMP condensing boiler: AHRI certified at 97% efficient. 5:1 turndown 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 80 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, 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

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

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

mysoncomfort.com

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

Jaga: Recessed wall, ceiling, and floor heating and cooling units. 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

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	U.S. Boiler (Burnham): 20 gallons to 119 gallons. usboiler.net
Commercial Storage Tanks	Elbi NTA series: Glass lined storage tanks. 80, 120, 200 gallon stock tanks. elbi.net Hubbell: Cement lined tanks (Hydrastone). hubbellheaters.com South Gate Engineering: ASME storage tanks. southgateengineering.com 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
Tankless	Vesta: 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 sandwiching. vestahws.com . Canariis: A wide range of domestic water pressure booster systems. canariis.com
Pressure Booster Systems	
Electric and Steam Water Heaters	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
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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
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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
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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