



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

Residential Mechanical and Plumbing Products

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Mechanical

Hydronic Boilers	HTP Elite XL VWH: Condensing Hydronic Boiler, 97% efficient, 399 MBH to 2,000 MBH capacities, 10:1 turndown, no minimum flow requirements. Approved for outdoor installation. htproducts.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	Alta combi: The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! usboiler.net 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	AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.com Wilo: Commercial end suction base mounted, vertical inline pumps. wilo-usa.com
Mixing/Tempering Valves	Paxton: 3/4" to 3" stainless steel valves for commercial applications. paxtoncorp.com

Controls

Controls	HBX Control Systems: WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. hbcontrolsystems.com Taco: Zone controls and switching relays. taco-hvac.com Cirrus: Monitor HVAC system with Wireless Thermometer and Gateway. Engineered Specialty Products
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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	AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.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
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. mysoncomfort.com Jaga: Recessed wall, ceiling, and floor heating and cooling units. jaga-usa.com Polar Air: Fan coil solutions Polar Air



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

Embassy: System 6 commercial baseboard radiation. www.embassyind.com

Plumbing

Volume Water Heaters

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

Pumps

AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.com

HTP Elite XL VWH: 97% condensing efficiency, 399 MBH to 2,000 MBH capacities 10:1 turndown. Approved for outdoor installation. htproducts.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 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

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

Pressure Booster Systems

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

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

Heat Pumps & Air Handlers

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

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

Air Handlers

ESP: HiVelocity and LoVelocity air handlers. hi-velocity.com

ESP Hi-Velocity: Air Purification system that is commercial/hospital quality available for home and office. Ducted systems or portable. Three stages of Air Purification: Merv13 for particulate; UVC lamps to neutralize Virus, bacteria, mold, fungi; PRO-Cell Panel titanium eliminates VOC's and odors. hi-velocity.com

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. jimboilerworks.com.

Scaltrol: Open loop hard water treatment system. scaltrolinc.com

Special Purposes

Mixing Valves

Paxton: 3/4" 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