



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 10.12.2020

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	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
-----------------	--

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