



Products used in commercial and multi-family residential projects designed for central heating and plumbing equipment projects

*For other residential designs see HSC product offering

*For All-Electric applications see Allelectrichomesolutions.com

Commercial Mechanical and Plumbing Products Rev 7.4.21

Gas Fired Hydronic & DHW Boilers

Hydronic Boilers & DHW Indoor & Outdoor

HTP Elite XL: Condensing Hydronic & DHW Boilers, 97% efficient, 399 MBH to 2,000 MBH capacities, 10:1 turndown, no minimum flow requirements. Indoor & outdoor applications. htproducts.com

Skid packaged boiler systems, and double stack boiler systems for both Hydronic and DHW applications.

Alpine boiler series: Hydronic Only: From 80 MBTU to 800 MBTU. Configured to be the easiest boiler usboiler.net

Aspen fire-tube series: Hydronic Only: 80 MBTU to 399 MBTU. usboiler.net

Hydronic & DHW Indoor Only

Thermal Solutions: (For design build), AMP & AMPW Condensing Hydronic & DHW Boilers 1 Million BTU, to 4 Million BTU. Thermal solutions

Combi Boilers

Alta combi: 136/120 MBTU's, The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! usboiler.net

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

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 sandwiching. vestahws.com

Pumps and Circulators

Circulators

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

Commercial

Wilo: Commercial end suction base mounted, vertical inline pumps, ECM, VFD. Hydronic & DHW. wilo-usa.com

Emergency Shower and Eyewash

AEHS: Electric tepid water heaters. AEHS

Pressure Booster Systems

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

Sump and Sewage Ejectors

Aqua-pro Pump Systems: Sump and Sewage pumps, controls, vault, floats packaged systems. aquamotionhvac.com

Controls

Controls

HBX Control Systems: WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. HBX control systems

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

Metering

HBX Control Systems: BTU, Temperature, Flow and Pressure metering systems, WiFi retrieval of data for billing. HBX control systems



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Hydronic Specialties

Hydronic Accessories	Taco: Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. taco-hvac.com
FT, AS, SP, TDV	Elbi of America: Expansion tanks ASME and non-Code, Air Separators, Suction Diffusers, Triple Duty Valves commercial hydronic accessories. elbi.net
Circulators	Miljoco: Temperature and pressure gauges. miljoco.com
Heat Exchanger	AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.com SWEP: Brazed plate heat exchangers, single and double wall options. swep.net Plate Concepts: Plate and frame heat exchangers. plateconcepts.com

Distribution Systems

Radiant Heating	Thermalboard: Above subfloor radiant transfer system. 5/8" tall composite plywood radiant floor with aluminum heat transfer, grooved out to 8" on center, using 3/8" tubing. thermalboard.info
Radiant Heating	MrPex: 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 materials. Rfoil.com Chiltrix: CXI wall and ceiling mounted heating and cooling fan coils. chiltrix.com
Fan Convectors	Myson RCU: Recess wall-mounted with flow and zone control-built in. mysoncomfort.com Smith Environmental: Kickspace, Underfloor, Wall hot water fan convectors. smithsep.com Jaga: Recessed wall, ceiling, and floor heating and cooling units. jaga-usa.com
Radiators	Smith Environmental: Select style panel radiators. smithsep.com Jaga: Décor radiators. jaga-usa.com
Baseboards	Jaga: Décor radiators and convectors for residential and multi-family applications. Wall mounted electric resistance heaters. jaga-usa.com Heating Edge/Hawkstone: Baseboard heating products. Heating Edge



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Storage Tanks and Pressure Vessels

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Elbi NTA series: Glass lined storage tanks. 80, 120, 200 gallon stock tanks, custom tank to 5,000 gallons elbi.net

Elbi: ASME Electric Water Heaters, Storage tanks. Expansion tanks, hydropneumatic tanks, Buffer tanks, Chilled water tanks - all varieties of pressure vessels. elbi.net

Vaughn: non-ASME, Electric Water Heaters (Single & 3 phase), Storage tanks, Indirect Water heaters, Buffer tanks sizes from 10 gallons to 119 gallons. vaughn

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

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

Mixing Valves

Paxton: 3/4" to 3" stainless steel valves for commercial applications. paxtoncorp.com

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 thermal collectors, controls, tanks, racks systems. AETsolar.com

Fernox: Non-Toxic NSF certified propylene glycol. fernox.com

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

Heat Pumps and Air Handlers

Heat Pumps

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

Vaughn: Heat pump water heater, 40 to 119 gallons Stone lines with electric backup up to 54 KW. vaughn

Transom Corporation: Commercial hydronic heating and cooling. Transom

Air Handlers

ESP: HiVelocity air handlers. hi-velocity.com

ESP: LoVelocity air handlers. hi-velocity.com

ESP Heps: 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



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Water Treatment and 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. gtocompany.com/industrial

JJM: Condensate neutralizers, residential and Commercial. jimboilerworks.com.

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