



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

*For other residential designs see HSC Residential product offering

*For All-Electric applications see Allelectrichomesolutions.com

Commercial Mechanical and Plumbing Products Rev 9.3.21

Mechanical - Gas Fired Boilers

Hydronic Boilers	<p>HTP Elite XL: Condensing Hydronic, 97% efficient, 399 MBH to 2,000 MBH capacities, 10:1 turndown, no minimum flow requirements. <u>Indoor & outdoor applications.</u> htproducts.com</p> <p>Skid packaged boiler systems, and double stack boiler systems, built locally.</p> <p>Alpine boiler series: Hydronic Only. From 80 MBTU to 800 MBTU. Configured to be the easiest boiler to install. Boiler comes with Double Stack clips to provide up to 1.6 MBTU capacity. Best replacement for the Munchkin. usboiler.net</p> <p>Aspen fire-tube series: Hydronic Only: 80 MBTU to 399 MBTU. usboiler.net</p>
Steam Boilers	<p>US Boilers (Burnham): SteamMax & Independence, gas fired steam boilers, cast iron heat exchanger. usboiler.net</p>
Combi Boilers	<p>Alta combi: 136/120 MBTU's, The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! usboiler.net</p> <p>Aspen fire-tube series: 155 MBTU combi boiler. usboiler.net</p> <p>K2 water tube: Has a 135 MBTU and a 180 MBTU combi. usboiler.net</p>

Pumps and Circulators

Circulators	<p>AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.com</p>
Commercial Pumps	<p>Wilo: Commercial end suction base mounted, vertical inline pumps, ECM, VFD. Hydronic & DHW. wilo-usa.com</p>

Controls

Controls	<p>HBX Control Systems: WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. hbxcontrols.com</p> <p>Taco: Zone controls and switching relays. In the search window, put "switching relays. taco-hvac.com</p>
Metering	<p>HBX Control Systems: BTU, Temperature, Flow and Pressure metering systems, WiFi retrieval of data for billing. hbxcontrols.com</p>

Specialties

Accessories	<p>Taco: Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. taco-hvac.com</p> <p>Elbi of America: Expansion tanks ASME and non-Code, Air Separators, Suction Diffusers, Triple Duty Valves commercial hydronic accessories. elbi.net</p> <p>Miljoco: Temperature and pressure gauges. miljoco.com</p> <p>Tunstall: Steam traps and hydronic balancing valves. tunstall-inc.com</p>
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- 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

Hydronic 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
- 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
- Burnham:** Cast Iron Radiators usboiler.net
- Baseboards** **Jaga:** Convectors for residential and multi-family applications. Wall mounted electric resistance heaters. jaga-usa.com
- Heating Edge/Hawkstone:** Baseboard heating products. Heating Edge

Plumbing – Gas Fired DHW Heaters

- Water Heaters** **HTP Elite XL VHW:** Condensing water heaters, 98% efficient, 399 MBH to 2,000 MBH capacities, 10:1 turndown, no minimum flow requirements. Indoor & outdoor applications. htproducts.com
- HTP Elite VHW Premier:** Condensing volume water heater, 98% efficient, 220 MBH to 399 MBH capacities, 10:1 turndown, no minimum flow requirements. Indoor only. htproducts.com
- 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
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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

Electric Water Heaters

Tank-type water heater

Elbi: ASME water heaters elbi.net

Vaughn: Commercial non-ASME water heaters, hybrid heatpump water heater. vaughncorp.com

Point-of-Use Instantaneous

AEHS: Tankless, water heaters for point-of-use. AEHS

Emergency Shower and Eyewash

AEHS: Electric tepid water heaters. AEHS

Pumps and Circulators

Circulators

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

Commercial

Wilco: Commercial end suction base mounted, vertical inline, ECM, DHW pumps. wilo-usa.com

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. aquapropumpsystems.com

Storage Tanks and Pressure Vessels

Storage Tanks and Pressure Vessels

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

Elbi: ASME storage tanks, expansion tanks, hydropneumatic tanks, buffer tanks, chilled water tanks -all varieties of pressure vessels. elbi.net

Vaughn: Non-ASME Storage tanks indirect water heaters, Buffer tanks sizes from 10 gallons to 119 gallons. vaughncorp.com

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

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

AET: Solar thermal systems. Flat Plate thermal collectors, controls, tanks, racks systems. AETsolar.com

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



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hot water system. This includes controls, drain back tanks and pumps.

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

Heat Pumps and Air Handlers

Heat Pumps

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

Transom Corporation: Commercial hydronic heating and cooling. Transomcorporation.com

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

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. gtcompany.com/industrial

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

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