



Products used in single family residential, and in multi-family projects where each residence has its own mechanical and plumbing system.

For commercial designs see HSC commercial product offering

## Residential Mechanical and Plumbing Products Rev 7.4.21

### Mechanical

#### Hydronic Boilers

**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](http://usboiler.net)

**Alpine boiler series:** Floor Mounted or Wall, 85 MBTU to 399 MBTU. Configured to be the easiest boiler replacement for the Munchkin. [usboiler.net](http://usboiler.net)

**K2 Water Tube:** Wall Hung, 80 MBTU to 180 MBTU sizes. [usboiler.net](http://usboiler.net)

**Aspen Fire-Tube series:** Wall Hung 80 MBTU to 399 MBTU boilers (optional floor stand). [usboiler.net](http://usboiler.net)

#### Combi Boilers

**Alta Combi:** The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! [usboiler.net](http://usboiler.net)

**Aspen Fire-Tube series:** Has a 155 MBTU combi boiler. [usboiler.net](http://usboiler.net)

**K2 Water Tube:** Has a 135 MBTU and a 180 MBTU combi. [usboiler.net](http://usboiler.net)

#### Pumps

**AquaMotion:** Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. [aquamotionhvac.com](http://aquamotionhvac.com)

#### Mixing/Tempering Valves

**Paxton:** 3/4" to 3" stainless steel valves for commercial applications. [paxtoncorp.com](http://paxtoncorp.com)

### Controls

#### Controls

**HBX Control Systems:** WiFi thermostats. Whole house control, boiler staging control, radiant floor and heat pump controls. [hbcontrolsystems.com](http://hbcontrolsystems.com)

**Taco:** Zone controls and switching relays. [tacocomfort.com](http://tacocomfort.com)

### Hydronic Specialties

#### Hydronic Accessories

**Taco:** Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. [tacocomfort.com](http://tacocomfort.com)

**Elbi of America:** Expansion tanks non-Code, residential hydronic accessories. [elbi.net](http://elbi.net)

**Tunstall Steam:** Steam traps and hydronic steam accessories. [tunstall-inc.com](http://tunstall-inc.com)

**Miljoco:** Temperature and pressure gauges. [miljoco.com](http://miljoco.com)

**Boiler Buddy:** Buffer tank. [boilerbuddy.com](http://boilerbuddy.com)

#### Circulators

**AquaMotion:** Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. [aquamotionhvac.com](http://aquamotionhvac.com)

#### Heat Exchanger

**SWEP:** Brazed plate heat exchangers, single and double wall options. [swep.net](http://swep.net)



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#### 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](#)

**MrPex:** Hydronic and potable Pex A tubing up to 2" and pre-insulated PEX. Includes all necessary manifolds, accessories, and fittings. [mrpexsystems.com](#)

**PHP:** Package hydronic manifolds. [www.phpinc.us](#)

#### 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](#)

**Jaga:** Recessed custom home wall, ceiling and floor heating and cooling units. [jaga-usa.com](#)

**Smith:** Kickspace, wall units, hot & chilled water fan convectors. [mysoncomfort.com](#)

#### Radiators

**Jaga:** Décor Radiators. [jaga-usa.com](#)

#### Baseboards

**Heating Edge/Hawkstone:** Low Temp, high output residential baseboard. [Smithsep.com](#)

#### Mixing Valves

**Paxton:** Water heater and point-of-use hydronic for residential applications. [paxton](#)

## Plumbing

#### Electric Water Heater

**Vaughn:** Residential Electric Water Heaters and Point of Use Water Heaters. [vaughncorp.com](#)

#### Mixing/Tempering Valves

**Paxton:** 3/4" to 3" stainless steel valves for commercial applications. [paxtoncorp.com](#)

#### Tankless

**Vesta:** Revolution Water Heater. High efficiency gas tankless water heater, 5 to 1 turndown modulation, VRP-150/199, VRS-150/199. VRP has built-in circulation pump. [vestahws.com](#).

#### On-Call Recirc. Systems

**AquaMotion:** On demand buttons, motion sensors and receivers, bypass valves. [aquamotionhvac.com](#)

#### Storage Tanks & Pressure Vessels

**Elbi NTA series:** Glass lined storage tanks. 80, 120, 200 gallon stock tanks. [elbi.net](#)

#### Indirect Water Heaters

**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](#)

#### Pressure Booster

**AquaMotion:** Aqua-Max, 30psi boost, plug and play. [aquamotionhvac.com](#)

#### Sump and Sewage Ejectors

**Aqua-pro Pump Systems:** [aquapropumpsystems.com](#)

#### Pumps

**AquaMotion:** S.S circulation pumps. [aquapropumpsystems.com](#)



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## Heat Pumps and Air Handlers

### Heat Pumps

**Chiltrix:** The worlds most efficient heat pump for space heating, cooling and DHW. [chiltrix.com](http://chiltrix.com)

**Vaughn:** Heat pumps with electric backup. [vaughncorp.com](http://vaughncorp.com)

**Spacepak:** Hydronic heating and cooling. [spacepak.com](http://spacepak.com)

### Air Handlers

**ESP:** HiVelocity and LoVelocity air handlers. [hi-velocity.com](http://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](http://hi-velocity.com)

**ESP Lo-Velocity:** LoV water to air ducted air handler heating and cooling. [hi-velocity.com](http://hi-velocity.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:** Flat Plate Thermal Collectors and Systems, inclusive of racking, controls exchangers, tanks. [AETsolar.com](http://AETsolar.com)

**Fernox:** Non-Toxic NSF certified propylene glycol. [fernox.com](http://fernox.com)

## Water Treatment Chemicals

### Water Treatment

**Fernox:** Hydronic non toxic chemicals, and open loop exchanger cleaning chemicals. Propylene glycol, non-toxic. [fernox.com](http://fernox.com)

**GTP:** Residential hydronic feeder systems. [gtpcompany.com/residential](http://gtpcompany.com/residential)

**JJM:** Condensate neutralizers, residential and Commercial. [jimboilerworks.com](http://jimboilerworks.com).

**Scaltrol:** Open loop hard water treatment system. [scaltrolinc.com](http://scaltrolinc.com)