



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

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## Residential Mechanical and Plumbing Products

### 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:** From 85 MBTU to 399 MBTU. Configured to be the easiest boiler replacement for the Munchkin. [usboiler.net](http://usboiler.net)

**K2 water tube:** Has 80 MBTU to 180 MBTU sizes. [usboiler.net](http://usboiler.net)

**Aspen fire-tube series:** Equal to the Knight, Triangle Tube and EFT boilers. [usboiler.net](http://usboiler.net)

#### Combi Boilers

**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)

**Cirrus:** Monitor HVAC system with Wireless Thermometer and Gateway. [Engineered Specialty Products](http://EngineeredSpecialtyProducts.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

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

#### 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](http://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](http://mrpexsystems.com)

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

#### Radiant Insulation

**NOFP:** Easy-to-install flexible foam insulation for hydronic radiant systems. [nofp.com](http://nofp.com)

**rFoil:** Easy to install roll out reflective radiant insulating material. [rfoil.com](http://rfoil.com)

#### Fan Convectors

**Myson RCU:** Recess wall-mounted with flow and zone control built in. [mysoncomfort.com](http://mysoncomfort.com)

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

**Myson:** Kickspace, wall units, hot & chilled water fan convectors. [mysoncomfort.com](http://mysoncomfort.com)

#### 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](http://mysoncomfort.com)

#### Baseboards

**Embassy:** Cost competitive residential baseboard. [embassyind.com](http://embassyind.com)

#### Mixing Valves

**Webstone:** Water heater and point-of-use hydronic for residential applications. [webstonevalves.com](http://webstonevalves.com)



## Plumbing

<b>Tank Type Water Heaters</b>	<b>Hubbell GSE:</b> 55-110 MBTU 95% efficient cement lined tank type water heater. Replaceable stainless steel heat exchanger. <a href="http://hubbellheaters.com">hubbellheaters.com</a>
<b>Electric Water Heater</b>	<b>Hubbell:</b> Residential Electric Water Heaters and Point of Use Water Heaters, Model CE110. <a href="http://hubbellheaters.com">hubbellheaters.com</a>
<b>Mixing/Tempering Valves</b>	<b>Paxton:</b> 3/4" to 3" stainless steel valves for commercial applications. <a href="http://paxtoncorp.com">paxtoncorp.com</a>
<b>Tankless</b>	<b>Vesta:</b> 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. <a href="http://vestahws.com">vestahws.com</a> .
<b>Combi Water Heaters</b>	<b>Aspen fire-tube series:</b> Has a 155 MBTU combi boiler. <a href="http://usboiler.net">usboiler.net</a> <b>K2 water tube:</b> Has a 135 MBTU and a 180 MBTU combi. <a href="http://usboiler.net">usboiler.net</a>
<b>On-Call Recirc. Systems</b>	<b>AquaMotion:</b> On demand buttons, motion sensors and receivers, bypass valves. <a href="http://aquamotionhvac.com">aquamotionhvac.com</a>
<b>Storage Tanks &amp; Pressure Vessels</b>	<b>Elbi NTA series:</b> Glass lined storage tanks. 80, 120, 200 gallon stock tanks. <a href="http://elbi.net">elbi.net</a>
<b>Indirect Water Heaters</b>	<b>Alliance SL:</b> Stone-lined, 27 to 70 gallon capacities, indirect tank & coil. <a href="http://usboiler.net">usboiler.net</a> <b>Alliance LT:</b> Thermoplastic, 30 to 119 gallon capacities, indirect tank & coil. <a href="http://usboiler.net">usboiler.net</a>
<b>Pressure Booster</b>	<b>AquaMotion:</b> Aqua-Max, 30psi boost, plug and play. <a href="http://aquamotionhvac.com">aquamotionhvac.com</a>
<b>Sump and Sewage Ejectors</b>	<b>Aqua-pro Pump Systems:</b> <a href="http://aquapropumpsystems.com">aquapropumpsystems.com</a>
<b>Pumps</b>	<b>AquaMotion:</b> S.S circulation pumps. <a href="http://aquapropumpsystems.com">aquapropumpsystems.com</a>

## Heat Pumps and Air Handlers

<b>Heat Pumps</b>	<b>Chiltrix:</b> The worlds most efficient heat pump for space heating, cooling and DHW. <a href="http://chiltrix.com">chiltrix.com</a> <b>Hubbell:</b> Heat pumps with electric backup. <a href="http://hubbellheaters.com">hubbellheaters.com</a> <b>Spacepak &amp; Monobloc:</b> Hydronic heating and cooling. <a href="http://spacepak.com">spacepak.com</a>
<b>Air Handlers</b>	<b>ESP:</b> HiVelocity and LoVelocity air handlers. <a href="http://hi-velocity.com">hi-velocity.com</a> <b>ESP Hi-Velocity:</b> 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. <a href="http://hi-velocity.com">hi-velocity.com</a> <b>Spacepak:</b> LoV water to air ducted air handler. <a href="http://spacepak.com">spacepak.com</a> <b>Spacepak:</b> Mini ducts. <a href="http://spacepak.com">spacepak.com</a> <b>Aermec:</b> 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. <a href="http://aermec.com">aermec.com</a>

## Solar Hot Water

<b>Note:</b> HSC can include all necessary solar specialties to make a complete solar hot water system. This includes controls, drain back tanks and pumps.	<b>AET:</b> Solar mthermal systems. Flat Plate solar thermal collectors, CSI approved for residential DHW systems low income housing rebates. <a href="http://AETSolar.com">AETSolar.com</a> <b>Power Panel PVT:</b> Combined PV and solar thermal panel. More efficient than a standard individual PV and solar thermal panel. <a href="http://Powerpanel.com">Powerpanel.com</a> <b>Fernox:</b> Non-Toxic propylene glycol. <a href="http://fernox.com">fernox.com</a> <b>Hubbell SLN:</b> Solar Water Heater. Stainless steel, cement or glasslined, with electric or boiler backup. <a href="http://hubbellheaters.com">hubbellheaters.com</a>
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## Water Treatment Chemicals

<b>Water Treatment</b>	<b>Fernox:</b> Hydronic non toxic chemicals, and open loop exchanger cleaning chemicals. Propylene glycol, non-toxic. <a href="http://fernox.com">fernox.com</a> <b>GTP:</b> Residential hydronic feeder systems. <a href="http://gtpcompany.com/residential">gtpcompany.com/residential</a> <b>JJM:</b> Condensate neutralizers, residential and Commercial. <a href="http://jimboilerworks.com">jimboilerworks.com</a> . <b>Scaltrol:</b> Open loop hard water treatment system. <a href="http://scaltrolinc.com">scaltrolinc.com</a>
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