



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

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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 Alpine boiler series: From 85 MBTU to 399 MBTU. Configured to be the easiest boiler replacement for the Munchkin. usboiler.net K2 water tube: Has 80 MBTU to 180 MBTU sizes. usboiler.net Aspen fire-tube series: Equal to the Knight, Triangle Tube and EFT boilers. 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
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. tacocomfort.com
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Hydronic Specialties

Hydronic Accessories	Taco: Vents, tempering valves, pressure reducing valves. Zone valve hydronic & geothermal zone valves. tacocomfort.com Elbi of America: Expansion tanks non-Code, residential hydronic accessories. elbi.net Tunstall Steam: Steam traps and hydronic steam accessories. tunstall-inc.com Miljoco: Temperature and pressure gauges. miljoco.com Boiler Buddy: Buffer tank. boilerbuddy.com
Circulators	AquaMotion: Super efficient, eco-friendly, pumps, circulators & recirculation systems. Very easy to install and maintain. aquamotionhvac.com
Heat Exchanger	Taco & SWEP: Brazed plate heat exchangers, single and double wall options. 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 Mr. Pex: 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 Myson: Kickspace, wall units, hot & chilled water fan convectors. 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
Baseboards	Embassy: Cost competitive residential baseboard. embassyind.com
Mixing Valves	Webstone: Water heater and point-of-use hydronic for residential applications. webstonevalves.com



Plumbing

Tank Type Water Heaters	Hubbell GSE: 55-110 MBTU 95% efficient cement lined tank type water heater. Replaceable stainless steel heat exchanger. hubbellheaters.com
Electric Water Heater	Hubbell: Residential Electric Water Heaters and Point of Use Water Heaters, Model CE110. hubbellheaters.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 .
Combi Water Heaters	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
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

Heat Pumps and Air Handlers

Heat Pumps	Chiltrix: The worlds most efficient heat pump for space heating, cooling and DHW. chiltrix.com Hubbell: Heat pumps with electric backup. hubbellheaters.com Spacepak & Monobloc: Hydronic heating and cooling. spacepak.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 Spacepak: LoV water to air ducted air handler. spacepak.com Spacepak: Mini ducts. 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

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 mthermal 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 Water Heater. Stainless steel, cement or glasslined, with electric or boiler backup. hubbellheaters.com
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Water Treatment Chemicals

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