



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](http://Allelectrichomesolutions.com)

## Commercial Mechanical and Plumbing Products Rev 04.06.2026

### Heat Pumps and Air Handlers

#### Heat Pumps

**Chiltrix: Air to water heat pumps.** CX35, C65 & CX75 models available with up to 75,000 BTU/hr. heating capacity. **The world's most efficient heat pump**; for space heating, cooling, and DHW. [Link to CX35 Chiltrix.com](http://Link to CX35 Chiltrix.com) [Link to CX65/75](http://Link to CX65/75)

**LG:** Heat Pump Domestic Water Heaters with electric resistance coil backup. 60 and 80 gallon, quiet and elegant. [LG.com](http://LG.com)

#### Air Handlers

**ESP:** HiVelocity air handlers. For home and office – very energy efficient. [hi-velocity.com](http://hi-velocity.com)

**ESP:** LoVelocity air handlers. For home and office – very energy efficient. [hi-velocity.com](http://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](http://hi-velocity.com)

### Mechanical - Gas Fired Boilers

#### Hydronic Boilers

**Thermal Solutions:** Condensing Hydronic, 97% efficient, 399 MBH to 4,000 MBH capacities, 10:1 turndown, no minimum flow requirements. Indoor and outdoor applications. Indoor applications only for higher capacities which reach 6,000 MBH. EVA and EVO non-condensing 500 – 3,000 MBTU. [thermalsolutions.com](http://thermalsolutions.com)

**U.S. Boiler:** Commercial Citadel boilers up to 1.5 million BTU's, DHW and Hydronic heating. Indoor and outdoor, stackable. [usboiler.net/Citadel](http://usboiler.net/Citadel)

**Alta:** 120, 150, 180 MBTU capacities. Condensing hydronic boilers. [usboiler.net](http://usboiler.net)

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

**Aspen fire-tube series:** Hydronic Only: 80 MBTU to 399 MBTU. [usboiler.net](http://usboiler.net)

#### Steam Boilers

**US Boilers (Burnham):** SteamMax & Independence, gas fired steam boilers, cast iron heat exchanger. [usboiler.net](http://usboiler.net)

#### Combi Boilers

**Alta combi:** 136/200 MBTU's, The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! [usboiler.net](http://usboiler.net)

### Pumps and Circulators

#### Commercial Pumps

**Wilo:** Commercial end suction base mounted, vertical inline pumps, ECM, VFD. Hydronic & DHW. [wilo-usa.com](http://wilo-usa.com)

#### Dehumidifiers

**Innovative Dehumidifier:** Tankless, In-wall with Bi-Polar Ionization. Whole house models available too. [Innovative Dehumidifiers](http://Innovative Dehumidifiers)



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## Controls

### Controls

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

**Tekmar:** Zone controls and switching relays. In the search window, put "switching relays. [tekmar](http://tekmar.com)

## Specialties

### Accessories

**Aalberts:** Air/dirt separators, AirVents, purge valves, pressure reducing valves. [Aalberts-hfc.com](http://Aalberts-hfc.com)

**Elbi of America:** Expansion tanks ASME and non-Code, Air Separators, Suction Diffusers, Triple Duty Valves commercial hydronic accessories, buffer tanks. [elbi.net](http://elbi.net)

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

### Heat Exchanger

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

**Plate Concepts:** Plate and frame heat exchangers. [plateconcepts.com](http://plateconcepts.com)

**JFD Tube & Coil:** Commercial tube and shell exchangers. Steam and water. [JFD Tube & Coil](http://JFD Tube & Coil).

## Hydronic Distribution Systems

### Radiant Heating

**Comfort Pro Systems:** Comfort Pro Systems is the manufacturer of the most extensive Pex offering, Pex A, B, C and PERT. Their Pex B works with F1960 fittings, and their Pex C is UV resistant. Full offerings of manifolds and radiant accessories. [Comfort Pro Systems](http://Comfort Pro Systems)

**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](http://thermalboard.info)

**Therma-Hexx:** Therma-Hexx radiant heating and cooling ceiling panels. The ultimate in quiet comfort indoor space conditioning. [Therma-hexx.com](http://Therma-hexx.com)

### Radiant Insulation

**Comfort Pro Insulation:** R10 Insulated Pex Floor Panel -24" X 48". Designed to provide the most cost effective installation and performance characteristics for hydronic radiant floor heating systems. [Comfort Pro Systems](http://Comfort Pro Systems)

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

**Creatherm:** Rigid foam insulation. [creatherm](http://creatherm.com)

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

### Fan Convectors

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

**Chiltrix:** CXI wall and ceiling mounted heating and cooling fan coils. High wall and Cassette. [chiltrix.com](http://chiltrix.com)

**Airtex:** Commercial convectors, fan coils, hydronic distribution units, unit heaters. [airtex.com](http://airtex.com)

### Radiators

**Stiebel Eltron:** Wall mounted electric resistance heaters. <https://www.stiebel-eltron-usa.com/>

**Burnham:** Cast Iron Radiators [usboiler.net](http://usboiler.net)



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Baseboards

**Heating Edge/Hawkstone:** Baseboard heating products. [Heating Edge](#)

## Plumbing - Electric Water Heaters

**Tank-type water heater**      **Elbi:** Commercial, vertical, round electric-power ASME water heaters [elbi.net](http://elbi.net)

**Point-of-Use Instantaneous**      **Stiebel Eltron:** Tankless, water heaters for point-of-use. [Stiebel Eltron](#)

**Emergency Shower and Eyewash**      **Stiebel Eltron:** Electric tepid water heaters. [Stiebel Eltron](#)

## Plumbing - Gas Fired DHW Heaters

**Water Heaters**      **Thermal Solutions:** AMP Condensing Water Heaters, 98% efficient, 399 MBH to 1,000 MBH capacities, 10:1 turndown, no minimum flow requirements. Indoor and outdoor applications. Indoor applications only for higher capacities which reach 4,000 MBH. [thermalsolutions.com](http://thermalsolutions.com)

**Combi Boilers**      **Alta combi:** 136/200 MBTU's, The world's FIRST & ONLY 10:1, gas-adaptive (self-tuning), combi boiler! [usboiler.net](http://usboiler.net)

**Tankless**      **Eco-King:** Hybrid Water Heater, HEET-199. Commercial condensing gas tankless water heater, 5 to 1 turndown fire, .91 UEF ratings, 199,000 btu/hr. capacity. Includes primary pump. [Eco-King](#)

## Pressure Booster Systems

**Pressure Booster Systems**      **Canariis:** A wide range of commercial domestic water pressure booster systems Custom Skid packaging. [canariis.com](http://canariis.com)

**Aqua Pro Pump Systems:** Generation II All Stainless Steel. Package water pump system consists of pump, controls, built-in check valve and power cord. Complete pressure booster system does not require a pressure tank for most applications. [aquapropumpsystems.com](http://aquapropumpsystems.com)

**Wilco:** Efficient pressure management from the waterworks to the consumer. [wilo-usa.com](http://wilo-usa.com)

## Pumps and Circulators

**Commercial**      **Wilco:** Commercial end suction base mounted, vertical inline, ECM, DHW pumps. [wilo-usa.com](http://wilo-usa.com)



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## Sump and Sewage Ejectors

**Wilco:** Sump and Sewage pumps, controls, vault, floats packaged systems. [wilo.com/us/en\\_us/](http://wilo.com/us/en_us/)

## Tanks, Buffer 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](http://elbi.net)

**Eco-King:** High efficiency heater, boilers & Buffer tanks. [Eco-King](http://Eco-King)

**Elbi:** ASME storage tanks, expansion tanks, hydropneumatic tanks, **buffer tanks**, chilled water tanks -all varieties of pressure vessels. [elbi.net](http://elbi.net)

**Alliance SL:** Stone-lined, 27-to-70-gallon capacities, indirect tank & coil. [usboiler.net](http://usboiler.net)

**Chiltrix:** DHW buffer tanks 19, 37, 60 gallons. Indirect 40, 80, 105. [Chiltrix buffer tanks](http://Chiltrix buffer tanks).

**Alliance LT & Vaughn: Featherweight,** Thermoplastic, 30-to-119-gallon capacities, indirect tank & coil. [usboiler.net](http://usboiler.net)

## Mixing Valves

### Mixing Valves

**Paxton:** 3/4" to 3" stainless steel valves for commercial applications. Built-in temperature reset depending on hot water demand. [paxtoncorp.com](http://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](http://AETSolar.com)

**SETS:** Solar panel/storage tank package system. [Allelectrichomesolutions.com](http://Allelectrichomesolutions.com)

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

## Water Treatment and Chemicals

### Water Treatment

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

**GTP:** Industrial hydronic feeder systems. [gtpcompany.com/industrial](http://gtpcompany.com/industrial)

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

**Atlas Filtri:** Atlas Filtri® PP4FOS are stainless steel high flow filtration systems for the reduction of sediment and scale in commercial water heater and tankless heating system applications. [atlasfiltri](http://atlasfiltri)