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### STEAM SPECIALTIES, CLEAN STEAM & ENGINEERED SYSTEMS

-Steam traps, direct & pilot operated regulators for pressure & temperature, pressure powered & electric condensate pumps & systems, strainers, digital & pneumatic controllers, complete line of actuated globe control valves, boiler controls including level-TDS-blowdown, separators, filters, air vents, vacuum breakers, liquid drainers, actuated/manual ball valves and other pipeline auxiliaries. EasiHeat water heater packages for domestic & process, blow down heat recovery systems, and custom engineered heat transfer packages-steam to process liquids. Steam seminars, training classes, trap management software & trap surveys. Energy Services steam system consulting, studies & complete project services.



### COMMERCIAL/INDUSTRIAL WATER HEATERS (gas/oil fired, electric, steam/water to water)

-Oil & gas fired water heaters as well as steam to water, and water to water. Tank type water heaters and instantaneous (tankless) water heaters utilizing steam for both domestic water and industrial process water applications. Tank type water heaters are available in vertical or horizontal. Tanks can have multiple energy heating packages; for example, a tube bundle for steam, boiler water or solar with a gas, oil or electric back up for when boiler or solar is off. Various tank materials and coatings are available. PVI is the only manufacturer in this market place the uses electroless nickel plating on their steel tanks which is highly superior to any other form of tank lining. Clean steam (steam-to-steam) generators are also available.



### MEDIUM & LOW MASS STEEL TUBE (water & steam) & COPPER FIN BOILERS (water)

-Riverside has medium mass steel tube boilers in condensing and non-condensing efficiency ranges. The non-condensing models have extreme thermal efficiencies up to 85%. Medium mass non-condensing boilers 40 to 200 HP vertical & horizontal. High efficiency condensing models up to 2 million Btu's. The copper fin boilers and hot water heaters have a patent pending manufacturing process for their heat exchangers that provide a competitive edge on longevity and reliability. They come in six (6) sizes ranging from 400,000 to 2 million Btu/h. All units are 30" in diameter designed to fit through a standard doorway. All units above 400,000 Btu's are available with two-stage or full modulation burners capable of three to one (3:1) turndown. The 400,000 Btu unit is two to one (2:1). All units are digitally controlled with digital inlet and outlet temperature displays. They are EMS ready or available with an external multi-unit control. Combination condensing & non-condensing systems are available with packaged controls for maximizing system efficiency and lower front end costs.



### HYSPAN EXPANSION JOINTS & HYSPAN-BARCO BALL & SLIP JOINTS

-The most complete, highest quality line of bellows, ball & slip expansion joints. All types of braided metal hose including expansion loops. Bellows & braided metal hose flex connectors.



### SEMI-INSTANTANEOUS STEAM TO WATER HEATERS, CLEAN STEAM GENERATORS, BOILER SUPPORT SYSTEM-DA TANKS & CONDENSATE COLLECTION/SURGE TANKS

-Top of the line vertical U-tube semi instantaneous water heaters with stainless steel shells & multiple tube bundle options complete with digital controls for domestic or process water heating. Clean steam generators both vertical & horizontal, simple to sophisticated complete w/ blowdown & heat recovery systems. High quality DA tanks including spray type, spray trap combination & jet spray. Condensate collection/surge tanks. Both DA & surge tanks are complete with controls & high quality pumps.



### AIR COILS OF THE HIGHEST QUALITY AND ENGINEERING

-Steam, water / glycol and special gas-fluid / hot oils, evaporators, condenser and specialty coils. Available in standard and special materials and coatings. Custom fabrication, engineering assistance and highest quality construction.



### HIGH QUALITY REPLACEMENT AIR COILS

-Heating, cooling, steam, DX, condenser & heat reclaim coils. Standard materials and special coatings. New installations & replacement coils for all manufacturers. Fast standard deliveries and quick ship options are available.



### HEAT TRANSFER SPECIALISTS

-Shell and tube heat exchangers, replacement tube bundles, pipe and tube coils and bends, replacement finned coils, other specialty weldments. Very competitive on all stainless steel heat exchangers and tank heaters.



**GILFLO**-Variable area meters with DP cells, unparalleled 100:1 turndown ratios & highest accuracy.

**DIVA**-Digital variable area meter compensated mass flow saturated steam, 50:1 turndown, highest accuracy.

**EMCO**-Vortex & turbine in-line or insertion type with hot tap, 10-20:1 turndowns, highest accuracy.

-Non invasive ultrasonic and magnetic induction meters, highest quality, reliability & accuracy.

-Orifice plates also available 4-10:1 turndown. Mass Flow multivariable transmitters & flow computers.