

CSX® INSTANTANEOUS

Instantaneous Blend-down Steam to Water Heater

STANDARD FEATURES and EQUIPMENT

PERFORMANCE

Provides 120°, 140°, or 160°F outlet temperature utilizing 5 to 150 psi steam

HEAT EXCHANGER

- Fully passivated, 316L stainless steel, single-wall, shell-and-tube heat exchanger with helical, corrugated, 316 L tubing, 100% counter-flow
- ASME stamped for 150 psi
- Fully assembled non-ferrous waterside piping including threaded clean-in-place fittings (no valve or piping disassembly when cleaning the waterside of the exchanger)
- Factory ready for connection to the building domestic water recirculation piping

OPERATING CONTROLS AND SAFETIES

- Dual, independent self-contained outlet water temperature control valves
- ASME pressure relief valve
- Over-temperature solenoid shutoff valve
- Float and thermostatic condensate trap
- Steam control valve with pressure pilot (for steam pressures greater than 15 psi) includes carbon steel piping from steam valve to exchanger
- Heavy duty steel stand with industrial finish

WARRANTY and SERVICE POLICY

- 1-year heat exchanger warranty (PV579) ①
- First-year service policy (PV551) ①
Conditions exist outside of the continental United States

CODES AND STANDARDS

- Compliant with EPA lead-free requirements

① See complete warranties and service policies for full details.

PVI reserves the right to change the design and specification without notice.

Application Note: This 316L stainless steel heat exchanger should not be applied in water systems with chloride levels at or above 70 ppm. Chloride levels can be obtained from the local water supply company. In addition, a regular maintenance schedule for inspection and removal of lime scale deposits is recommended.



FIELD INSTALLED OPTIONS (Ordered as a line item)

- Inlet water temperature gauge (PN 78396)
- Auxiliary condensate trap for supply steam (PN 68466)
- Domestic water pressure gauge for heat exchangers outlet (PN 75085)
- Y-strainer for supply steam (consult factory for sizing)
- Steam pressure gauge
 - < 30 psig (PN 128502)
 - ≥ 30 psig (PN 128503)

CUSTOM CONFIGURATION

Consult representative for all additional custom options

MODEL NUMBER SEQUENCE

BASE MODEL Example: CSX 140 60 15



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