

**Model #**  
**IWH**

**Instantaneous Water Heater**

**Steam-to-Hot Water**

**Shell and Tube**



**Note:** The heater above is shown with optional equipment.

TYPICAL SPECIFICATIONS	
Steam Pressure	5 to 150 psig
Hot Water Temperature	50 to 200 deg F
Standard System Flow Rate	5 to 300 GPM
Standard Power	110 V (Other Voltages Available)
Dimensions	Based Upon Customer Requirements
Working Pressure	100 to 150 psig (6.8 to 10.2 barg)
Working Temperature	< 300 deg F (< 149 deg C)

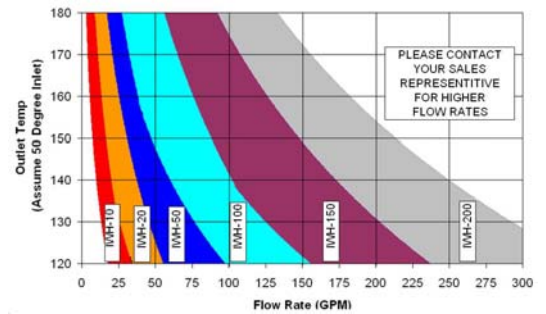


*EnviroSep IWH*, Instantaneous Steam-To-Water Heater is a simple and accurate manufactured, ready-to-install system designed to address the requirements of commercial potable water heating systems. Designed to utilize steam as the heat source, the steam is supplied to the heater at a predetermined 2 to 60 psig (depending on required output). The *Model IWH* is constructed of Stainless Steel, Copper, and Bronze components suitable for Domestic Water use. Capable of handling a wide range of water flowrates and temperatures, while being custom-tailored to your specific site needs, makes this system an ideal choice for either new or replacement installations.

**Standard Features:**

- ASME, Shell & Tube Heat Exchanger - Stainless Steel Water Side, with U-stamp
- Self-contained, Pilot-operated or Pneumatic Modulating Steam Control Valves
- High Temperature Cut-off Switch, for Independent Source Steam Isolation
- Secondary High Temperature Purge System, with Blowdown Controls
- Internal Circulation Pump
- UL Listed NEMA 12 Industrial control Panel.
- Float & Thermostatic Steam Trap
- Outlet Temperature Indication
- Safety Relief Valves
- Removable Tube Section

Instantaneous Hot Water Heater Sizing



**Options:**

- PLC System Controller w/ Touch Screen
- NEMA 7/9 Explosion-proof Rating
- Inlet Steam Condensate Removal
- System Recirculation Pumps
- Horizontal Installations
- Steam-powered or Electric Condensate Pumps
- Post-filtration
- Multi-staged Centrifugal Pumps
- Specific Performance Criteria (Upon Request)

