

Master Specification: Model STX

JOB NAME _____

ENGINEER _____

REPRESENTATIVE _____

CONTRACTOR _____

GENERAL

Provide a quantity of _____ semi instantaneous steam fired water heater(s), Model No. _____ as manufactured by HUBBELL Electric Heater Co., Stratford, CT. The pressure vessel shall be mounted on heavy duty steel structural supports and be suitably insulated, jacketed, painted and provided with lifting lugs. The entire unit is to be packaged ready for service connections.

PRESSURE VESSEL

The shell section shall be constructed from 90/10 copper-nickel material. (**Optional Specification:** Type 304 or 316L stainless steel). Vessel shall be stamped for 150 psi under Section VIII of the ASME Code (**Optional Specification:** _____psi). Manufacturer's data report and U-1 forms shall be furnished to the owner. No overhead clearance shall be required for servicing or removing the heating coil. Each heater shall be designed to heat _____ GPH of domestic water from _____ to _____ °F when supplied with _____ psi of steam.

HEATING COIL

The heating coil shall be fabricated with single wall (**Optional Specification:** Double wall) copper, (**Optional Specification:** Stainless steel, 90/10 copper-nickel, admiralty) tubes, non-ferrous baffles and a copper-lined tube sheet. The heater shall have its temperature control bulb located for direct sensing of water.

CONTROLS

The water heater steam and operating controls shall be factory assembled and piped. A modulating steam control valve shall be (Specify: Pneumatic, electric, self contained). Solenoid control valves that regulate the flow of steam to the heating coil shall not be accepted.

Each heater shall be factory packaged with the following components:

- All bronze integral circulating pump with copper piping and isolation valves
- Direct mounted steam pressure and water temperature gauges
- High limit safety system
- ASME rated temperature and pressure relief valve
- Fiberglass insulation with painted metal jacket
- Cast iron strainers and F&T traps

OPTIONS

In addition, the water heater shall be supplied with the following optional features:

- Option _____
- Option _____
- Option _____

WARRANTY

The water heater manufacturer shall warranty all components against defects in Workmanship and material for a period of one (1) year from date of start-up and the pressure vessel for a full five (5) years Non Pro-Rated (**Optional Specification:** full ten (10) years Non Pro-Rated) from date of start-up, provided that the unit is started within three (3) months of date of shipment and installed and operated within the scope of the tank design and operating capability. Each water heater shall be shipped with a complete set of installation and operating instructions including a spare parts list and approved drawing.

ISO 9001:2008 ISO



Committed to continuous improvement...

Continuing research results in product improvement; therefore specifications are subject to change without notice. For the most updated information, consult the factory directly.

