

Master Specification: Models HE & HSE

JOB NAME

ENGINEER

REPRESENTATIVE

CONTRACTOR

GENERAL

Provide a quantity of _____ horizontal ceiling-hung electric water heater(s) Model No. _____ as manufactured by HUBBELL Electric Heater Co., Stratford, CT. The water heater requires no floor space and is complete with all operating controls and is ready for plumbing and electrical service connections. The tank shall be all welded steel commercial construction designed for 150 psi working pressure and a storage capacity of _____ (specify: 19 or 30) gallons. The tank is to be lined with seamless Hydrastone cement to a minimum thickness of 1/2" on 100% of all interior tank surfaces and will not require any type of anodic protection. The tank shall be designed and fabricated with non-ferrous inlet and outlet piping for maximum corrosion resistance. The entire tank is to be insulated with a minimum of 2" thick polyurethane foam insulation and exceed the latest ASHRAE standard for stand-by heat loss. The complete heater shall be supplied with a high impact colorized composite protective jacket which cannot rust or corrode and does not require painting. The unit shall bear the UL listing mark certifying the entire water heater.

The cold water inlet shall be 3/4" Female NPT and include a non-corrosive strata-flow diffuser which prevents incoming cold water from mixing too rapidly with hot water in the tank. A 3/4" hose connection drain is supplied. The hot water outlet shall be 3/4" Female NPT and a separate 3/4" Female NPT tapping is to be provided for relief valve installation. An ASME/CSA rated automatic reseating combination temperature and pressure safety relief valve set at 150 psi and 210°F shall be factory supplied.

RECOVERY

The heating element shall be a high quality electric immersion type, and shall be rated at _____ KW which will heat _____ GPH of water at _____ °F Rise (_____ ° to _____ °F).

ELECTRICAL

The heater shall be designed to operate at _____ volts _____ phase 50/60 Hz with all necessary operating controls factory mounted, wired and tested. Water temperature shall be controlled through an adjustable 100-180°F immersion thermostat to ensure accurate and dependable control of the water temperature. An over-temperature manual reset Hi-Limit shall be factory installed to disconnect all conductors to the heating element in the event of an over-temperature condition in the pressure vessel.

OPTIONS

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

- Option** Ten (10) year Non Pro-Rated tank warranty
- Option** Drip pan assembly
- Option** Low range 30-110°F thermostat
- Option** _____

WARRANTY

Hubbell shall warranty all electrical 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 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 spare parts list and approved drawings.



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.

Made in the U.S.A.

