

# MASTER SPECIFICATION MODEL DGX

JOB NAME: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

## GENERAL

Provide a quantity of \_\_\_\_\_ high efficiency condensing gas tankless RO/DI water heater(s) Model No. \_\_\_\_\_ as provided by HUBBELL Electric Heater Co., Stratford, CT. The entire unit is to be packaged ready for water, gas and electrical service connections and shall bear the ETL listing mark certifying the entire unit for the US and Canada.

## CONSTRUCTION

The heat exchanger shall be a free-floating non-welded 316L stainless steel finned tube design. The heater shall provide hot water at flow rates as low as 0.6 GPM. An advanced LED multi-function display provides temperature control. Heaters that require greater than 0.6 GPM to activate shall not be acceptable. Heater to be Ultra low NOx certified by SCAQMD and will include an over temp sensor in the exhaust port, capable of first turning down, then turning off the heater if the flue gas reaches an over temperature condition. The heater is to be rated for a maximum allowable working pressure of 150psi. A factory provided ASME rated combination temperature and pressure safety relief valve set at 150psi and 210°F provides protection for the heater and is to be installed in the hot water piping. Heater shall be designed and assembled in the USA. (Optional Specifications: ASME stamped heat exchanger)

## RECOVERY

The recovery section shall be rated at \_\_\_\_\_ mBTU/HR which will heat \_\_\_\_\_ GPM of water \_\_\_\_\_ °F rise.

## ELECTRICAL

The electrical power required for the water heater is 120V AC at 60 Hz. The Hubbell water heater has a 60 inch power cord equipped with a GFI three-prong plug. The unit should be plugged into a properly grounded outlet rated for at least 10 Amps (12 gauge wire with a minimum of a 10 Amp circuit breaker).

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

Option \_\_\_\_\_  
Option \_\_\_\_\_  
Option \_\_\_\_\_

## WARRANTY

The heater manufacturer shall warranty all internal components against defects in workmanship and material for a period of three (3) years from date of start-up, and the heat exchanger for a full five (5) 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 vessel 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.



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