Master Specification: Model HX / TX Tankless

GENERAL
Provide a quantity of _______ packaged type instantaneous electric tankless water heater(s) Model No. 
TX___________________________ as manufactured by HUBBELL Electric Heater Co., Stratford, CT. The entire unit is 
packaged ready for plumbing and electrical service connections and shall bear the cULus listing mark certifying the 
entire unit to UL499, UL EPH Sanitation listed to ANSI/NSF Standard 5 and CSA C22.2 No. 64-M91 
(single phase units) and CSA C22.2 No. 88 (three phase units).

HEATING CHAMBER
The heating chamber shall be all Sil-brazed copper and bronze construction. (☐Optional Specification: Type 
316L Stainless Steel). A plastic heating chamber shall not be acceptable. Water heater heating chamber shall be 
rated for a maximum allowable working pressure of 150psi. The heating chamber and all electrical controls shall be 
completely enclosed in a heavy gauge Type 304 stainless steel case.

HEATING CAPACITY
The tankless heater shall be rated at ______ KW which will heat ______ GPM of water at ______ °F rise 
( ______ ° to ______ °F). Heaters that restrict hot water flow in any way shall not be acceptable.

ELECTRICAL
The tankless heater shall be designed to operate at ______ volts, ______ phase, 50/60Hz balanced power 
and shall draw equal amperage across all phases at all times. For 3 phase heaters, power shall be a 3 wire (3 live, 
1 ground) or a 4 wire (3 live, 1 neutral, 1 ground) system that does not require a neutral leg. The heater will draw 
______ amps only when operating at full power. The immersion heating elements shall be high quality incoloy 
sheathed and sized to obtain the rated capacity. Each element is to be operated using zero cross over solid state 
controls. The heating elements shall be fully modulated from 0-100% to provide precise temperature control through 
the full range of flows. A Hi-Limit thermostat with automatic reset shall be factory installed to disconnect each heating 
element in the event of an over-temperature condition. An electronic digital display temperature controller shall be 
user adjustable in 1° increments in either °F or °C and shall display flow rate, outlet temperature, inlet temperature 
and provide error indication. A turbine-type flow meter shall be factory installed to provide precise temperature 
control for water flows as low as 0.2 GPM up to a maximum flow of 8 GPM. Heaters that require greater than 0.2 
GPM flow for actuation or restrict flow shall not be acceptable. (☐Optional Specification: High Flow Model HX, 
provides up to 40 GPM flow with minimum actuation at 0.5 GPM).

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 heating chamber for a full five (5) years 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 heater’s 
design and operating capability. Labor is not covered under warranty. Each heater shall be shipped with a complete 
set of installation and operating instructions including spare parts list and approved drawings. All fabrication and 
assembly shall be performed in the U.S.A.

OPTIONS
In addition, the tankless electric water heater shall be supplied with the following options:

☐ Option

☐ Option

☐ Option

ISO 9001:2008

Made in the U.S.A.

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.

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Rev A.