

Item # ____ Hubbell Booster Heater

Provide and install where shown, one (1) Hubbell electric booster heater Model J1640S with the following standard features:

The booster heater shall supply the final 180° F sanitizing rinse water to the dish machine. The pressure vessel shall be all stainless steel welded construction and bear the ASME Section VIII stamp and be rated for 150 psi WP. The tank shall be insulated with CFC/HCFC free high efficiency foam insulation to reduce stand by heat loss. Heat loss shall not exceed 425 btu/hr. The booster heater shall have the capacity to heat 415 GPH at a 40° F temperature rise or 237 GPH at a 70° F temperature rise. The booster heater shall be rated at 40.5 KW when supplied with 240 volt, 1 Phase power and shall draw 168.8 amps.

The booster heater shall be listed and approved in accordance with UL Sanitation (NSF5) and UL 1453. All controls shall be built-in and factory wired. The booster shall include internal resettable circuit breakers in lieu of one-shot power fuses for over current protection when required. The immersion heating elements shall be high quality screw plug type with O-ring gasket to ensure leak free long life service. All temperature, hi-limit, and low water operating functions shall be controlled by an electronic digital display solid-state device that shall provide the operator with visual indication of temperature setting, fault conditions and leak detection. The digital display shall also include an on/off switch and exterior reset button. The positioning of all components shall be such that to remove any component does not require the removal of another component. The booster shall be complete with all internal plumbing, including ¾" NPT connections for inlet, outlet and relief valve.

The entire exterior of the booster heater including the base, jacket, and front cover shall be brushed 304 stainless steel.

The booster heater shall include an ASME/CSA rated combination temperature and pressure relief valve, 6" adjustable NSF plastic legs (Optional Specification: slide brackets on J6 model only), bronze body pressure reducing valve with built in by-pass, and one indicating temperature and pressure gauge, and two (2) dielectric unions.

The entire pressure vessel shall be provided with a full ten (10) year **Non Pro-Rated** tank warranty. The entire booster heater including all components shall be provided with a one-year warranty including parts and labor.