



## Light Duty Commercial Electric Water Heater

### SUGGESTED SPECIFICATION FORM

Water heater shall be VAUGHN Hydrastone Electric Model \_\_\_\_\_ with a storage capacity of \_\_\_\_\_ U.S. gallons. Tank shall be of steel, lined with Hydrastone, have a rated working pressure of 150 PSI and shall be tested to 300 PSI. All tank fittings and connections shall be of silicon bronze. Inlet and outlet are to be \_\_\_\_\_ IPS.

Electrical equipment shall include screw-in type, copper sheathed immersion heating elements. Heater shall have upper heating element rated at \_\_\_\_\_ KW and lower heating element rated at \_\_\_\_\_ KW. Heaters shall be rated at \_\_\_\_\_ volts, single phase, balanced three-phase, or unbalanced three-phase 60 cycle AC. Elements shall be controlled (independently), or (interlocked) from adjustable thermostats with a temperature range of ( 120°F to 170°F ) and a U.L. approved temperature safety high limit switch. Independent wiring operation permits both elements to operate at the same time if water demand calls for it. Water heater shall be equipped with magnetic contactors housed in a 10x10 enclosure for balanced three-phase operation.

Water heater shall be insulated with 2" of polyurethane foam insulation and enclosed in a plastic jacket, base and top. The shipping container shall be of a see-through shrink wrap to enable easy inspection of the heater.

The construction, testing, and components of this water heater will comply with U.L. 174 and bear the U.L. label.

Water heater shall be backed by a 5 year limited warranty.