

# BE Series

## Indirect Water Heaters Electric

**Please delete these paragraphs from the standard BE Series Boiler Sample Specification:**

The boiler shall be a Bryan Model \_\_\_\_\_ electric boiler, with a capacity of \_\_\_\_\_ KW at \_\_\_\_\_ volts. (\_\_\_\_\_ HP)

The boiler shall be constructed and assembled as a completely packaged unit factory tested and UL labeled. The boiler shall be ready for field connections to the water supply, return connection, electrical power supply, relief valve discharge, and building management controls.

The water boiler shall be manufactured in strict accordance with the ASME Heating Boiler Code, Section IV, and shall bear the ASME stamp "H" for a maximum working pressure of 150 PSIG and 250°F temperature.

**And substitute these paragraphs:**

The water heater shall be a Bryan Model \_\_\_\_\_ Indirect Electric Water Heater, with a capacity of \_\_\_\_\_ KW at \_\_\_\_\_ volts and water heating capacity of \_\_\_\_\_ gallons per hour, with a temperature rise from \_\_\_\_\_°F to \_\_\_\_\_°F.

The water heater shall be constructed and assembled as a completely packaged unit factory tested and UL labeled. The boiler shall be ready for field connections to the water supply, return connection, electrical power supply, relief valve discharge, and building management controls.

The water heater shall be manufactured in strict accordance with the ASME Heating Boiler Code, Section IV, and shall bear the ASME "H" stamp for maximum working pressure of 125 PSIG and 250°F.

The water heater shall be furnished complete with one or more indirect heat exchangers with a maximum water discharge temperature of 150°F. The heat exchanger(s) shall be installed in the

upper drum of the boiler, will be capable of absorbing 100% of the total boiler output as specified and rated operation temperatures. Heat exchanger(s) to be constructed of heavy copper seamless finned tubing, attached to boiler shell by means of a gasket and stud type connection and shall be easily removable and replaceable.

### **WATER HEATER TRIM & CONTROLS**

The water heater shall be furnished with the following fittings and trim:

1. Automatic boiler fill valve
2. Expansion tank
3. ASME safety relief valve for heat exchanger
4. Boiler stop valve