

# RHWE

## VERTICAL ELECTRIC WATER BOILER STANDARD FEATURES AND EQUIPMENT

### Operating Controls

- Heavy-duty INCOLOY® elements rated at 80 W/in<sup>2</sup> density
- Solderless power distribution block
- Magnetic contactors
- Fuses for each power circuit
- Control circuit transformer
- Control circuit switch and fuse
- Safety door interlock
- Proportional sequencer with indicating lights for each stage (90 kW and over)
- Operating control
- Manual-reset, electronic low-water cutoff
- Manual-reset, temperature limiting device
- Intertek / ETL listed to U.S. and Canadian standards
- CSD-1 compliant

### Standard Voltages

(custom voltages available, consult factory)

- 240V, 1Ø    208V, 3Ø    240V, 3Ø    480V, 3Ø

### Pressure Vessel

- ASME safety relief valve (select pressure).
- Dial temperature and pressure gauges
- Hand hole cleanout
- Blowdown/drain valve
- Lifting lugs
- Steel skid mounting
- Heavy-density fiberglass tank insulation
- Steel jacket panels with industrial finish
- ASME stamped (section IV) for 150 psi and 250°F
- National Board Listed

### Remote Interface and Alarms

- Remote on/off contacts

### Warranty and Service Policy

- Ten-year pressure vessel workmanship, materials and thermal shock warranty \*
- "Service Advantage Plan" covering parts, materials, freight and labor on any repair or replacement for the first year of operation \*

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### OPTIONAL EQUIPMENT

- Extended "Service Advantage Plan" covers freight and labor on a vessel replacement for 10 years \*
- Heavy-duty INCOLOY® elements rated at 40 W/in<sup>2</sup> density. NOTE: this option reduces kW by one-half. Pressure vessel size may have to be increased to accommodate the number of heating elements required to achieve the same output as a boiler with 80 W/in<sup>2</sup> elements
- Float-type low-water cutoff
- Proportional sequencer with indicating lights for each stage (18 to 72 kW)
- Time sequencer (18 to 72 kW)
- Audible alarm for all safeties with silencing switch
- Shunt trip circuit interrupter/main disconnect
- Manual override switches for each contactor
- Electronic 7-day time clock with manual override and 48-hour battery backup
- High-water-pressure safety switch
- Low-water-pressure safety switch
- Flow switch
- Outdoor reset control
- Lead-lag control
- Kilowatt-hour meter
- Ammeter
- Voltmeter
- Air vent valve
- \_\_\_\_\_ psi safety valve setting. (30, 50, 75, 125 or 150 psi)

\* see warranty or service policy for details

RIVERSIDE HYDRONICS RESERVES THE RIGHT TO CHANGE THE DESIGN AND SPECIFICATION WITHOUT NOTICE.