

Lowboy

Residential Electric Water Heater

Features

- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank.

Additional Details

- **Blanketed & Non-Blanketed Models Available**—Non-blanketed models (RE120L6, RE230LN6, RE240LN6, RE250LN6) decrease installation time, perfect for new construction. Blanketed models (RE130L6, RE240L6, and RE250L6) offer install flexibility, ideal for replacements.
- **Fully Automatic Thermostat Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Direct Heat Transfer with Immersed Elements**—Screw-in style.
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency and jacket rigidity. Flexible fiberglass insulation on blanketed models.
- **Factory-Installed Heat Traps**—Incorporates a flexible disk that reduces heat loss in piping and prevents noise. (Except for RE120L6).
- **Non-Simultaneous Operation**—Simultaneous operation indicates when both elements (if equipped) are being heated at the same time.*
- **Voltages Available**—120V, 208V, 240V, 277V, 480V.
- **Single Phase or Three Phase Operation Available**—120V & 277V may only be wired for single phase operation.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **T&P Relief Valve**—Installed, side T&P is standard. Optional top T&P location is available.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **Housing and Urban Development**—These water heaters are designed in accordance with H.U.D. and are approved for installation in a manufactured home (mobile home).



Photo is of RE240LN6



*Simultaneous operation must be specified when ordering.



6 or 10-Year Limited Tank Warranties / 6-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada, and Puerto Rico. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

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SPECIFICATIONS

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C.E.C. Listed

| Model Number | Rated Nominal Capacity | | DOE Rated Storage Volume Gal. | First Hour Rating Gal. | Uniform Energy Factor | Element Wattage (Watts) | | A Floor to Top of Heater in. | B Jacket Dia. in. | C Floor to Water Conn. in. | D C/L of Water Conn. in. | E Floor to T&P Conn. in. | G Water Conn. NPT in. | Approx. Shipping Weight lbs. |
|--------------|------------------------|-----------|----------------------------------|---------------------------|-----------------------|-------------------------|---------|---------------------------------|----------------------|-------------------------------|-----------------------------|-----------------------------|--------------------------|---------------------------------|
| | U.S. Gal. | Imp. Gal. | | | | Minimum | Maximum | | | | | | | |
| RE120L6† | 19 | 16 | — | — | — | 1500 | 6000 | 24 7/16 | 18 | 25 11/16 | 8 | 18 15/16 / 25 11/16 | 3/4 | 65 |
| RE130L6** | 28 | 23 | 26 | 42 | 0.92 | 1500 | 6000 | 29 9/16 | 20 | 31 5/16 | 8 | 23 9/16 / 31 5/16 | 3/4 | 99 |
| RE230LN6 | 28 | 23 | 26 | 41 | 0.92 | 1500 | 6000 | 29 9/16 | 23 | 31 5/16 | 8 | 23 9/16 / 31 5/16 | 3/4 | 102 |
| RE240LN6 | 37 | 31 | 34 | 45 | 0.92 | 1500 | 6000 | 32 1/16 | 24 1/2 | 34 5/16 | 8 | 23 9/16 / 34 5/16 | 3/4 | 126 |
| RE240L6** | 38 | 32 | 35 | 49 | 0.91 | 1500 | 6000 | 32 3/8 | 24 | 34 5/8 | 8 | 23 9/16 / 34 5/8 | 3/4 | 140 |
| RE250LN6 | 47 | 39 | 43 | 61 | 0.92 | 4000 | 6000 | 33 5/16 | 26 | 36 1/16 | 8 | 24 5/16 / 36 1/16 | 3/4 | 173 |
| RE250L6** | 47 | 39 | 43 | 61 | 0.94 | 4000 | 6000 | 33 5/16 | 26 | 36 1/16 | 8 | 24 5/16 / 36 1/16 | 3/4 | 175 |

| Model Number | Rated Nominal Capacity | | DOE Rated Storage Volume Liters | First Hour Rating Liters | Uniform Energy Factor | Element Wattage (Watts) | | A Floor to Top of Heater mm. | B Jacket Dia. mm. | C Floor to Water Conn. mm. | D C/L of Water Conn. mm. | E Floor to T&P Conn. mm. | G Water Conn. NPT mm. | Approx. Shipping Weight kg. |
|--------------|------------------------|--------|------------------------------------|-----------------------------|-----------------------|-------------------------|---------|---------------------------------|----------------------|-------------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------------|
| | Liters | Liters | | | | Minimum | Maximum | | | | | | | |
| RE120L6† | 72 | — | — | — | — | 1500 | 6000 | 621 | 457 | 652 | 203 | 481 / 652 | 19 | 29 |
| RE130L6** | 106 | 98 | 98 | 159 | 0.92 | 1500 | 6000 | 751 | 508 | 795 | 203 | 598 / 795 | 19 | 45 |
| RE230LN6 | 106 | 98 | 98 | 155 | 0.92 | 1500 | 6000 | 751 | 584 | 795 | 203 | 598 / 795 | 19 | 46 |
| RE240LN6 | 140 | 129 | 129 | 171 | 0.92 | 1500 | 6000 | 814 | 622 | 872 | 203 | 598 / 872 | 19 | 57 |
| RE240L6** | 144 | 132 | 132 | 186 | 0.91 | 1500 | 6000 | 822 | 610 | 879 | 203 | 598 / 879 | 19 | 64 |
| RE250LN6 | 178 | 163 | 163 | 231 | 0.92 | 4000 | 6000 | 846 | 660 | 916 | 203 | 618 / 916 | 19 | 78 |
| RE250L6** | 178 | 163 | 163 | 231 | 0.94 | 4000 | 6000 | 846 | 660 | 916 | 203 | 618 / 916 | 19 | 79 |

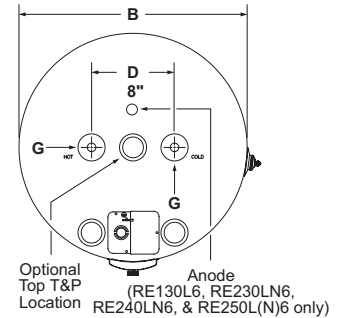
** Models include supplied insulation blanket (2" thick). Dimensions in charts above do not include blanket thickness.

For 10 year models, change suffix "6" to "10".

All models available with optional top T&P location (Plugged).

† Exempt from ASHRAE 90.1b (current standard).

Uniform Energy Factor and First Hour Rating is based on the latest AHRI directory listings.



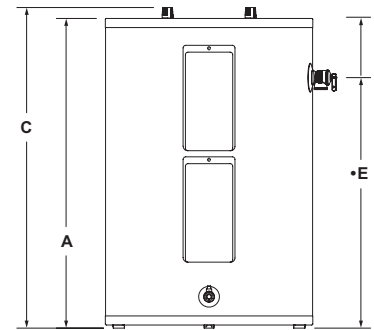
Refer to Element Wattage Minimum & Maximum in chart above

| Wattage Limitations for Simultaneous Operation | Voltage | | | | | Wattage Limitations for Non-Simultaneous Operation | Voltage | | | | |
|--|---------|------|------|------|------|--|---------|------|------|------|------|
| | 120V | 208V | 240V | 277V | 480V | | 120V | 208V | 240V | 277V | 480V |
| 1500W / 1500W | yes | yes | yes | yes | yes | 1500W / 1500W | yes | yes | yes | yes | yes |
| 2000W / 2000W | no | yes | yes | yes | yes | 2000W / 2000W | yes | yes | yes | yes | yes |
| 2500W / 2500W | no | yes | yes | yes | yes | 2500W / 2500W | yes | yes | yes | yes | yes |
| 3000W / 3000W | no | yes | yes | yes | yes | 3000W / 3000W | yes | yes | yes | yes | yes |
| 3500W / 3500W | no | yes | yes | no | no | 3500W / 3500W | no | yes | yes | no | no |
| 4000W / 4000W | no | •yes | yes | yes | yes | 4000W / 4000W | no | •yes | yes | yes | yes |
| 4500W / 4500W | no | yes | yes | •yes | •yes | 4500W / 4500W | no | yes | yes | •yes | •yes |
| 5000W / 5000W | no | •yes | yes | •yes | •yes | 5000W / 5000W | no | •yes | yes | •yes | •yes |
| 5500W / 5500W | no | yes | •yes | no | no | 5500W / 5500W | no | •yes | •yes | no | no |
| 6000W / 6000W | no | no | yes | •yes | •yes | 6000W / 6000W | no | •yes | yes | •yes | •yes |

• = Not available on RE130L and RE230LN6.

| Wattage | Recovery ▲ GPH Temperature Rise °F | | | | |
|---------|---------------------------------------|----|----|-----|-----|
| | 60 | 80 | 90 | 100 | 120 |
| 1500W | 10 | 8 | 7 | 6 | 5 |
| 2000W | 14 | 10 | 9 | 8 | 7 |
| 2500W | 17 | 13 | 11 | 10 | 9 |
| 3000W | 21 | 15 | 14 | 12 | 10 |
| 3500W | 24 | 18 | 16 | 14 | 12 |
| 4000W | 28 | 21 | 18 | 16 | 14 |
| 4500W | 31 | 23 | 21 | 19 | 15 |
| 5000W | 34 | 26 | 23 | 21 | 17 |
| 5500W | 38 | 29 | 25 | 23 | 19 |
| 6000W | 41 | 31 | 28 | 25 | 21 |

▲(GPH based on Non-Simultaneous operation, when Simultaneous operation the GPH will approximately double.)



•"E" dimension listed as side/top.

GENERAL:

Meets NAECA Requirements. All models UL® listed. These heaters are wired inter-locking (Non-Simultaneous, Single Phase) 240V with two 4500W elements, unless otherwise specified. All water and electrical connections are 3/4" (19mm) NPT. All models certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa.)

Suitable for Water (Potable) Heating and Space Heating. Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Sales: 800-523-2931

24/7 Technical Support: 800-334-3393 • Email TechServ@bradfordwhite.com

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