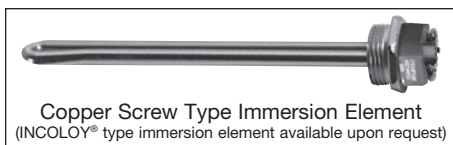


## Residential Lowboy Electric Water Heater



Photo is of  
RE240LN6



Copper Screw Type Immersion Element  
(INCOLOY® type immersion element available upon request)

### The Lowboy Electric Models Feature:

- **Blanketed & Non-Blanketed Models Available**—Non-Blanketed models (RE120L6, RE230LN6, RE240LN6, RE250LN6) help to decrease overall installation time and are perfect for new construction applications. Blanketed models (RE130L6, RE230L6, & RE240L6) provide more installation flexibility and are ideal for replacement applications.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **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**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Factory-Installed Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour delivery of hot water while minimizing temperature build-up in tank.
- **Vitraglas® Lining**—An exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Insulation System**—Non-CFC foam covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity. Blanketed models additionally use a supplied flexible fiberglass insulation blanket.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Factory-Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation. (Except for RE120L6).
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Non-Simultaneous Operation**—Non-Simultaneous operation indicates only one heating element will operate at a time and is standard construction from the factory. Simultaneous Operation indicates both heating elements have the potential to operate at the same time and is available as an option (must be specified when ordering).
- **Voltages Available**—120V, 208V, 240V, 277V, 480V.
- **Single Phase or Three Phase Operation Available**—120V & 277V may only be wired for single phase operation.
- **T&P Relief Valve**—Installed, side T&P is standard. Optional top T&P location is available.
- **Design evaluated by ETL in accordance with Part 280.707(d) of HUD Mobile Home Construction and Safety Standards for Energy Efficiency.**



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

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)

For products installed in USA, Canada, and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

# Residential Electric Water Heater

## Lowboy Models

C.E.C. Listed

| Model Number | Nominal Gal. Capacity |           | DOE Rated Storage Volume (Gal.) | First Hour Rating (Gal.) | Uniform Energy Factor | Recovery at 90°F Rise* |           | A Floor to Top of Heater | B Jacket Dia. | C Floor to Water Conn. | D C/L of Water Conn. | E Floor to T&P Conn. | G Water Conn. NPT | Approx. Shipping Weight |
|--------------|-----------------------|-----------|---------------------------------|--------------------------|-----------------------|------------------------|-----------|--------------------------|---------------|------------------------|----------------------|----------------------|-------------------|-------------------------|
|              | U.S. Gal.             | Imp. Gal. |                                 |                          |                       | U.S. GPH*              | Imp. GPH* |                          |               |                        |                      |                      |                   |                         |
| RE120L6†     | 19                    | 16        | —                               | —                        | —                     | 21                     | 18        | 24 7/16                  | 18            | 25 11/16               | 8                    | 18 15/16 / 25 11/16  | 3/4               | 65                      |
| RE130L6**    | 28                    | 23        | 26                              | 42                       | 0.92                  | 21                     | 18        | 29 9/16                  | 20            | 31 5/16                | 8                    | 23 9/16 / 31 5/16    | 3/4               | 99                      |
| RE230LN6     | 28                    | 23        | 26                              | 41                       | 0.92                  | 21                     | 18        | 29 9/16                  | 23            | 31 5/16                | 8                    | 23 9/16 / 31 5/16    | 3/4               | 102                     |
| RE230L6**    | 28                    | 23        | 26                              | 42                       | 0.92                  | 21                     | 18        | 29 9/16                  | 22            | 31 13/16               | 8                    | 22 13/16 / 31 13/16  | 3/4               | 108                     |
| RE240LN6     | 37                    | 31        | 34                              | 45                       | 0.92                  | 21                     | 18        | 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                  | 21                     | 18        | 32 3/8                   | 24            | 34 5/8                 | 8                    | 23 9/16 / 34 5/8     | 3/4               | 140                     |
| RE250LN6     | 45                    | 37        | 43                              | 61                       | 0.92                  | 21                     | 18        | 33 5/16                  | 26            | 36 1/16                | 8                    | 24 5/16 / 36 1/16    | 3/4               | 173                     |

| Model Number | Nominal Liter Capacity | DOE Rated Storage Volume (Liters) | First Hour Rating (Liters) | Uniform Energy Factor | Recovery at 50°C Rise* |     | A Floor to Top of Heater | B Jacket Dia. | C Floor to Water Conn. | D C/L of Water Conn. | E Floor to T&P Conn. | G Water Conn. NPT | Approx. Shipping Weight |
|--------------|------------------------|-----------------------------------|----------------------------|-----------------------|------------------------|-----|--------------------------|---------------|------------------------|----------------------|----------------------|-------------------|-------------------------|
|              |                        |                                   |                            |                       | Liters/Hour            |     |                          |               |                        |                      |                      |                   |                         |
| RE120L6†     | 72                     | —                                 | —                          | —                     | 80                     | 621 | 457                      | 652           | 203                    | 481 / 652            | 19                   | 29                |                         |
| RE130L6**    | 106                    | 98                                | 159                        | 0.92                  | 80                     | 751 | 508                      | 795           | 203                    | 598 / 795            | 19                   | 45                |                         |
| RE230LN6     | 106                    | 98                                | 155                        | 0.92                  | 80                     | 751 | 584                      | 795           | 203                    | 598 / 795            | 19                   | 46                |                         |
| RE230L6**    | 106                    | 98                                | 159                        | 0.92                  | 80                     | 751 | 559                      | 808           | 203                    | 579 / 808            | 19                   | 49                |                         |
| RE240LN6     | 140                    | 129                               | 171                        | 0.92                  | 80                     | 814 | 622                      | 872           | 203                    | 598 / 872            | 19                   | 57                |                         |
| RE240L6**    | 144                    | 132                               | 186                        | 0.91                  | 80                     | 822 | 610                      | 879           | 203                    | 598 / 879            | 19                   | 64                |                         |
| RE250LN6     | 170                    | 163                               | 231                        | 0.92                  | 80                     | 846 | 660                      | 916           | 203                    | 618 / 916            | 19                   | 78                |                         |

\*\*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".

\* Based on 4500W/4500W, Non-Simultaneous operation.

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.

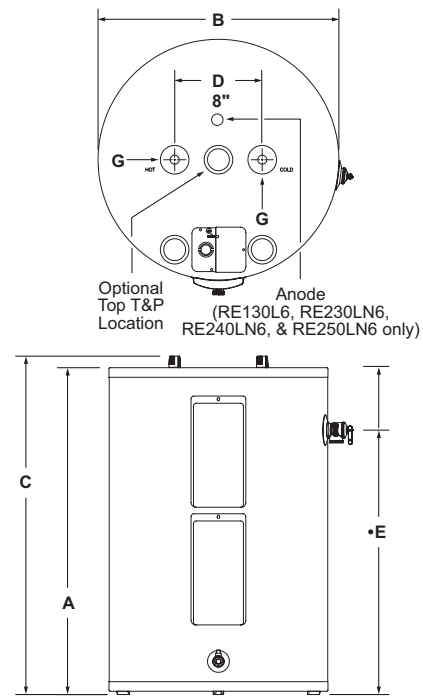
| Wattage | Recovery ▲<br>GPH Temperature Rise °F |    |    |     |     |
|---------|---------------------------------------|----|----|-----|-----|
|         | 60                                    | 80 | 90 | 100 | 120 |
| 1500W   | 10                                    | 8  | 7  | 6   | 5   |
| 2000W   | 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.)

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

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

• = Not available on RE130L and RE230LN6.



• "E" dimension listed as side/top.

### General:

#### Meets NAECA Requirements.

All models ETL 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).

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

— BRADFORD WHITE IS —



For field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 ■ Fax 215-641-1612

Technical Support 800-334-3393 ■ Email [techserv@bradfordwhite.com](mailto:techserv@bradfordwhite.com)

Warranty 800-531-2111 ■ Email [warranty@bradfordwhite.com](mailto:warranty@bradfordwhite.com)

International: Telephone 1-215-641-9400 ■ Email [international@bradfordwhite.com](mailto:international@bradfordwhite.com) / [www.bradfordwhite.com](http://www.bradfordwhite.com)

**Built to be the Best™**