

Electric Upright Water Heater



Photo is of
RE250S6

The Electric Upright Models feature:



Bradford White is an ISO 9001-2015 registered manufacturing facility.

- **Complies with UL-174 and IEC 60335-2-21.**
- **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[®] Tank Lining with Antimicrobial Technology**—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).
- **Direct Heat Transfer with Immersed Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Fully Automatic Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Non-Simultaneous and Simultaneous Operation Available**—Non-Simultaneous operation (standard) indicates one element at a time is operating. Simultaneous operation indicates both elements may operate at the same time.
- **Single Phase or Three Phase Operation Available**—120V & 277V may only be wired for single phase operation.
- **Voltages Available**—120V, 208V, 240V, 277V, 380V, 415V, 480V.
—120V, 277V, 480V are only available in UL174 approved options.
—IEC 60335 compliance is not available in 120V, 277V, 480V.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Insulation System**—2" (51mm) 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.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections (RE2120T has 1" (25mm) NPT dielectric waterway fittings).
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **T&P Relief Valve**—Included. All models have special tapping on top of tank
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **Suitable for residential and light duty commercial applications.**



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



Residential Warranty: 6 or 10 Year Limited Tank Warranty / 1 Year Parts Warranty.
Commercial Warranty: 1 Year Limited Tank Warranty / 1 Year Parts Warranty.

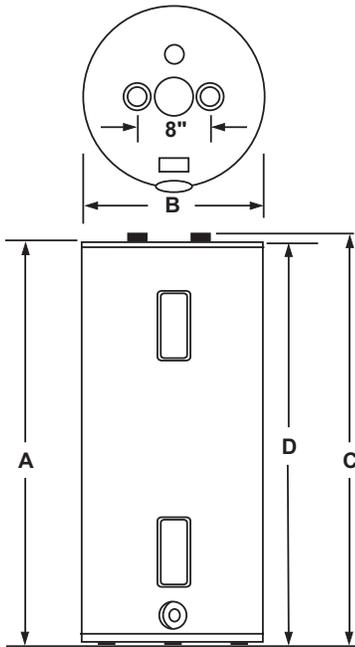
For more information on warranty, please visit www.bradfordwhite.com

Electric Upright Water Heater

| Model Number | Rated Capacity | | Recovery 90°F Rise | | A Floor to Heater Top | B Jacket Dia. | C Floor to Water Conn. | D Floor to T&P Conn. | Approx. Shipping Weight |
|--------------|----------------|-----------|--------------------|-----------|---------------------------------|---------------|---------------------------------|---------------------------------|-------------------------|
| | U.S. Gal. | Imp. Gal. | U.S. GPH* | Imp. GPH* | in. | in. | in. | in. | lbs. |
| RE230S6 | 27 | 22 | 21 | 18 | 47 | 18 | 47 ³ / ₄ | 47 ³ / ₄ | 90 |
| RE240S6 | 39 | 32 | 21 | 18 | 47 ³ / ₁₆ | 20 | 49 ⁷ / ₁₆ | 49 ⁷ / ₁₆ | 123 |
| RE250S6 | 50 | 42 | 21 | 18 | 47 ³ / ₁₆ | 22 | 49 ⁷ / ₁₆ | 49 ⁷ / ₁₆ | 143 |
| RE265T6 | 61 | 51 | 21 | 18 | 59 ¹ / ₄ | 22 | 60 ¹ / ₄ | 60 ¹ / ₄ | 156 |
| RE280T6 | 76 | 63 | 21 | 18 | 59 ¹ / ₄ | 24 | 60 ¹ / ₄ | 60 ¹ / ₄ | 183 |
| RE2120T6 | 119 | 99 | 21 | 18 | 62 ³ / ₄ | 28 | 64 ¹ / ₄ | 64 ¹ / ₄ | 305 |

| Model Number | Rated Capacity | | Recovery 50°C Rise | A Floor to Heater Top | B Jacket Dia. | C Floor to Water Conn. | D Floor to T&P Conn. | Approx. Shipping Weight |
|--------------|----------------|--------------|--------------------|-----------------------|---------------|------------------------|----------------------|-------------------------|
| | Liters | Liters/ Hour | Liters/ Hour | mm. | mm. | mm. | mm. | kg. |
| RE230S6 | 102 | 79 | 79 | 1194 | 457 | 1213 | 1213 | 41 |
| RE240S6 | 148 | 79 | 79 | 1199 | 508 | 1256 | 1256 | 56 |
| RE250S6 | 189 | 79 | 79 | 1199 | 559 | 1256 | 1256 | 65 |
| RE265T6 | 231 | 79 | 79 | 1505 | 559 | 1530 | 1530 | 71 |
| RE280T6 | 288 | 79 | 79 | 1505 | 610 | 1530 | 1530 | 83 |
| RE2120T6 | 450 | 79 | 79 | 1594 | 711 | 1632 | 1632 | 138 |

NOTE: The Upright Heaters will be wired inter-locking (non-simultaneous) 240 volt with 4500 watt elements unless otherwise specified. Other wattages are available up to 6000 watts non-simultaneous and 12,000 watts simultaneous. 4500 watt/240 volt elements require a 30 amp breaker.



| 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.)

| Wattage Limitations for Simultaneous Operation | Voltage | | | | | | |
|--|---------|------|------|------|------|------|------|
| | 120V | 208V | 240V | 277V | 380V | 415V | 480V |
| 1500W / 1500W | yes | yes | yes | yes | yes | no | yes |
| 2000W / 2000W | no | yes | yes | yes | yes | yes | yes |
| 2500W / 2500W | no | yes | yes | yes | yes | yes | yes |
| 3000W / 3000W | no | yes | yes | yes | yes | yes | yes |
| 3500W / 3500W | no | yes | yes | no | yes | yes | no |
| 4000W / 4000W | no | yes | yes | yes | yes | yes | yes |
| 4500W / 4500W | no | yes | yes | yes | yes | yes | yes |
| 5000W / 5000W | no | yes | yes | yes | yes | yes | yes |
| 5500W / 5500W | no | no | yes | no | no | yes | no |
| 6000W / 6000W | no | no | no | yes | no | yes | yes |

| Wattage Limitations for Non-Simultaneous Operation | Voltage | | | | | | |
|--|---------|------|------|------|------|------|------|
| | 120V | 208V | 240V | 277V | 380V | 415V | 480V |
| 1500W / 1500W | yes | yes | yes | yes | yes | no | yes |
| 2000W / 2000W | yes | yes | yes | yes | yes | yes | yes |
| 2500W / 2500W | yes | yes | yes | yes | yes | yes | yes |
| 3000W / 3000W | yes | yes | yes | yes | yes | yes | yes |
| 3500W / 3500W | no | yes | yes | no | yes | yes | no |
| 4000W / 4000W | no | yes | yes | yes | yes | yes | yes |
| 4500W / 4500W | no | yes | yes | yes | yes | yes | yes |
| 5000W / 5000W | no | yes | yes | yes | yes | yes | yes |
| 5500W / 5500W | no | yes | yes | no | no | yes | no |
| 6000W / 6000W | no | yes | yes | yes | no | yes | yes |

General

All models UL® listed. All electrical connections, 3/4" (19mm). All models certified at 300 psi test pressure (2068 kPa), 150 psi working pressure (1034 kPa). Change suffix number "6" to "10" for warranty identification.

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

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.

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Products made by Bradford White are manufactured in the United States using the finest raw materials and components from around the world.

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