

Utility Electric Residential Water Heater

Features



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

- **Certified to UL-174 and IEC 60335-2-21.**
- **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 element.
- **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 up to 1600°F (871°C).
- **25 mm (1") Non-CFC Foam Insulation**—Covers the sides and top of the tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies, and jacket rigidity.
- **Water Connections**—3/4" (19mm) NPT factory-supplied true dielectric fittings extend water heater life. Located on the side for easier installation (Fittings packaged separately inside carton).
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Voltages Available**—120V, 208V, 240V, 277V, 480V.
 - UL174 approved options only available in 120V, 277V, 480V.
 - IEC 60335 compliance is not available in 120V, 277V, 480V.
- **Single Phase Operation Only.**
- **T&P Relief Valve**—Included.
- **Suitable for residential and light duty commercial applications.**



Photo is of RE120U6



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

Utility Electric

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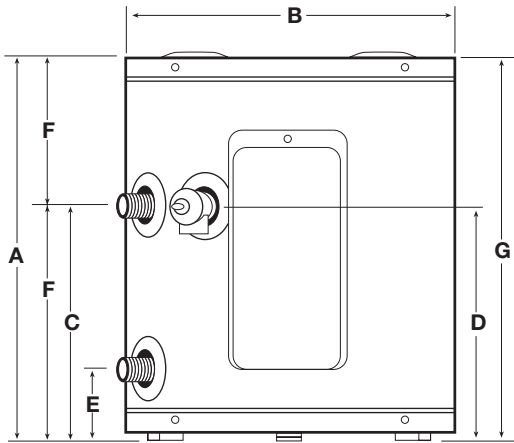
SPECIFICATIONS

Utility Energy Saver Models

| Model Number | Rated Capacity | | Recovery 90°F Rise | | A Floor to Heater Top | B Jacket Dia. | C Floor to Hot Water Conn. | D Floor to T&P Conn. | E Floor to Cold Water Conn. | F Floor to Anode Rod | G Floor to Electrical Access | Approx. Shipping Weight |
|--------------|----------------|-----------|--------------------|-----------|---------------------------------|---------------|---------------------------------|---------------------------------|-------------------------------|----------------------|---------------------------------|-------------------------|
| | U.S. Gal. | Imp. Gal. | U.S.* GPH | Imp.* GPH | in. | in. | in. | in. | in. | in. | in. | lbs. |
| RE16U6 | 6 | 5 | 7 | 6 | 16 ³ / ₁₆ | 14 | 9 ³ / ₄ | 9 ³ / ₄ | 2 ³ / ₄ | N/A | 16 ³ / ₁₆ | 35 |
| RE112T6 | 12 | 10 | 7 | 6 | 27 ⁵ / ₁₆ | 14 | 20 ⁵ / ₈ | 20 ⁵ / ₈ | 2 ³ / ₄ | N/A | 27 ⁵ / ₁₆ | 48 |
| RE120U6 | 19 | 16 | 7 | 6 | 24 ⁷ / ₁₆ | 18 | 18 ³ / ₁₆ | 18 ³ / ₁₆ | 2 ³ / ₄ | N/A | 24 ⁷ / ₁₆ | 65 |

| Model Number | Rated Capacity | | Recovery 50°C Rise | | A Floor to Heater Top | B Jacket Dia. | C Floor to Hot Water Conn. | D Floor to T&P Conn. | E Floor to Cold Water Conn. | F Floor to Anode Rod | G Floor to Electrical Access | Approx. Shipping Weight |
|--------------|----------------|--|--------------------|--|-----------------------|---------------|----------------------------|----------------------|-----------------------------|----------------------|------------------------------|-------------------------|
| | Liters | | Liters/* Hour | | mm. | mm. | mm. | mm. | mm. | mm. | mm. | kg. |
| RE16U6 | 23 | | 26 | | 411 | 356 | 248 | 248 | 70 | N/A | 411 | 16 |
| RE112T6 | 45 | | 26 | | 694 | 356 | 524 | 524 | 70 | N/A | 694 | 22 |
| RE120U6 | 72 | | 26 | | 621 | 457 | 462 | 462 | 70 | N/A | 621 | 29 |

The Utility Water Heaters will be wired 120 volt with (1) 1500 watt element, unless otherwise specified. Maximum wattage for 120V is 3000W. Maximum wattage for 6 and 12 gallon utility models is 3000W, regardless of voltage. Maximum wattage for 20 gallon utility models is 6000W.



6, 12, & 20 Gallon Models

| 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 |

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

GENERAL:

- All models UL® listed. All Utility Electric models are single element models.
- All water and electrical connections are 3/4" NPT (19mm).
- 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.



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