

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

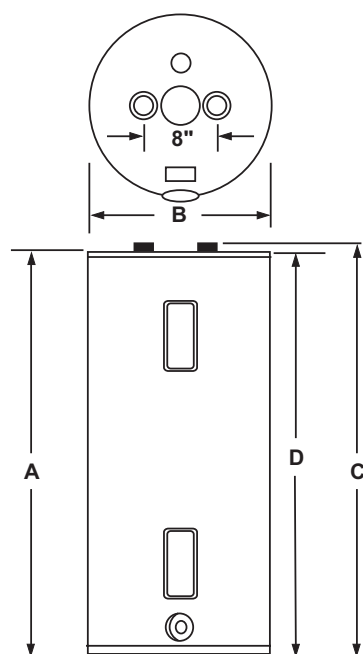
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 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.

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		mm.	mm.	mm.	mm.	kg.
RE230S6	102		79		1194	457	1213	1213	41
RE240S6	148		79		1199	508	1256	1256	56
RE250S6	189		79		1199	559	1256	1256	65
RE265T6	231		79		1505	559	1530	1530	71
RE280T6	288		79		1505	610	1530	1530	83
RE2120T6	450		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.

— BRADFORD WHITE IS —

**AMERICAN
STRONG**

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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.

Built to be the Best®