

Residential Upright Electric Water Heater



Photo is of
RE250S6



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

The Upright Electric Models Feature:

- **DOE**—All residential storage models meet or exceed efficiency requirements of the Department of Energy, ASHRAE Standard 90.1 b (current standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective April 16, 2015, which supercedes all state and local efficiency requirements.
- **Fully Automatic Controls**—Fast-acting surface-mount thermostats for automatic temperature control. Factory-installed sensitive manual reset energy cutoff for safety to prevent overheating.
- **Direct Heat Transfer with Immersed Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Factory-Installed Hydrojet[®] Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build-up in tank. Increases first hour delivery of hot water while minimizing temperature build-up in tank.
- **Vitraglas[®] Lining**—Bradford White tanks are lined with 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).
- **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" NPT factory-installed true dielectric fittings extend water heater life and ease installation.
- **Factory-Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **Simultaneous and Non-Simultaneous Operation Available**— Simultaneous operation indicates when both elements (if equipped) are being heated at the same time. Non-Simultaneous operation indicates when one element is being heated at a 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.
- **T&P Relief Valve**—Installed.
- **Design evaluated by ETL in accordance with Part 280.707(d) of HUD Mobile Home Construction and Safety Standards for Energy Efficiency.**

**AUDI
AIRI**



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

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; 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.

Residential Electric Water Heater

C.E.C. Listed

Upright Models

Model Number	Capacity		1st Hour Rating (Gal.)	Energy Factor	Recovery 90°F Rise		A Floor to Heater Top in.	B Jacket Dia. in.	C Floor to Water Conn. in.	D Floor to T&P Conn. in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.			U.S. GPH*	Imp. GPH*					
RE330S6	30	25	47	0.95	21	18	47	20	47 ³ / ₄	47 ³ / ₄	100
RE340S6	40	33	55	0.95	21	18	47 ⁷ / ₈	22	48 ⁵ / ₈	48 ⁵ / ₈	114
RE340T6	40	33	56	0.95	21	18	60 ³ / ₈	20	61 ³ / ₈	61 ³ / ₈	125
RE350S6	50	42	67	0.95	21	18	47	24	47 ³ / ₄	47 ³ / ₄	144
RE350T6	50	42	67	0.95	21	18	58 ⁵ / ₈	22	59 ³ / ₈	59 ³ / ₈	138
RE240S6†	40	33	55	0.95	21	18	48	20	48 ³ / ₄	48 ³ / ₄	123
RE250S6†	50	42	67	0.95	21	18	47	22	47 ³ / ₄	47 ³ / ₄	143

Model Number	Capacity		1st Hour Rating (Liters)	Energy Factor	Recovery 50°C Rise		A Floor to Heater Top mm.	B Jacket Dia. mm.	C Floor to Water Conn. mm.	D Floor to T&P Conn. mm.	Approx. Shipping Weight kg.
	Liters				Liters/Hour*						
RE330S6	114		178	0.95	79		1194	508	1213	1213	45
RE340S6	151		208	0.95	79		1216	559	1235	1235	52
RE340T6	151		212	0.95	79		1540	508	1559	1559	57
RE350S6	189		254	0.95	79		1194	610	1213	1213	65
RE350T6	189		254	0.95	79		1489	559	1508	1508	63
RE240S6†	151		208	0.95	79		1219	508	1238	1238	56
RE250S6†	189		254	0.95	79		1194	559	1213	1213	65

†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".

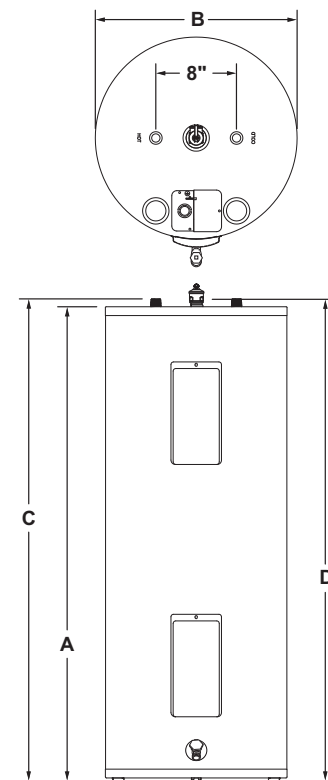
*Based on 4500W/4500W, Non-Simultaneous operation.

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

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	no	yes	no	no	5500W / 5500W	no	yes	yes	no	no
6000W / 6000W	no	no	no	yes	yes	6000W / 6000W	no	yes	yes	yes	yes

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.)



General:

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" 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.



For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

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