

Lowboy Electric Residential Water Heater

Features



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

- **Certified to UL-174 and IEC 60335-2-21.**
- **Applications**—Lowboy models are ideal for installations where space is at a premium and are perfect for tight installations such as a closet or under counter.
- **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.
- **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 up to 1600°F (871°C).
- **Insulation System**—Non-CFC foam insulation covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.
 - RE1 models: 1" (25mm) of insulation.
 - RE2 models: 2" (51mm) of insulation.
- **Water Connections**—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Simultaneous and Non-Simultaneous Operation Available**—Simultaneous operation indicates when both elements 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, 380V, 415V, 480V.
 - UL174 approved options only available in 120V, 277V, 480V.
 - IEC 60335 is not available in 120V, 277V, 480V.
- **Single Phase or Three Phase Operation Available**—120V & 277V may only be wired for single phase operation.
- **T&P Relief Valve Included**—Side T&P is standard. Optional top T&P location is available.
- **Low Restriction Brass Drain Valve**—Durable tamper proof design.
- **Suitable for residential and light duty commercial applications.**



Photo is of RE240LN6

Hydrojet®

VITRAGLAS
SUPERIOR PROTECTION SINCE 1981



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

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SPECIFICATIONS

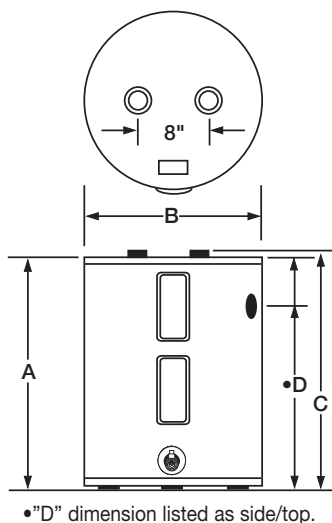
Model Number	Rated Capacity		Recovery 90°F Rise		A Floor to Heater Top	B Jacket Dia.	C Floor to Water Conn.	D Floor to T&P Conn.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	U.S. GPH*	Imp. GPH*	in.	in.	in.	in.	lbs.
RE120L6	19	16	21	18	24 ⁷ / ₁₆	18	25 ¹¹ / ₁₆	18 ¹⁵ / ₁₆ / 25 ¹¹ / ₁₆	65
RE130LN6	28	23	21	18	29 ⁹ / ₁₆	20	31 ⁵ / ₁₆	23 ⁹ / ₁₆ / 31 ⁵ / ₁₆	99
RE240LN6	37	31	21	18	32 ¹ / ₁₆	24 ¹ / ₅	34 ⁵ / ₁₆	23 ⁹ / ₁₆ / 34 ⁵ / ₁₆	126
RE250LN6	47	39	21	18	33 ⁵ / ₁₆	26	36 ¹ / ₁₆	24 ⁵ / ₁₆ / 36 ¹ / ₁₆	173

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.
RE120L6	72		80		621	457	652	481 / 652	29
RE130LN6	106		80		751	508	795	598 / 795	45
RE240LN6	140		80		814	622	872	598 / 872	57
RE250LN6	178		80		846	660	916	618 / 916	78

For 10 year models, change suffix "6" to "10".

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

All models feature optional top T&P location and must be specified when ordering.



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. 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.



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