

Lowboy

Residential Electric Water Heater

Features

- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank.

Additional Details

- **Blanketed & Non-Blanketed Models Available**—Non-blanketed models (RE120L6, RE230LN6, RE240LN6, RE250LN6) decrease installation time, perfect for new construction. Blanketed models (RE130L6, RE240L6, and RE250L6) offer install flexibility, ideal for replacements.
- **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**—Screw-in style.
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency and jacket rigidity. Flexible fiberglass insulation on blanketed models.
- **Factory-Installed Heat Traps**—Incorporates a flexible disk that reduces heat loss in piping and prevents noise. (Except for RE120L6).
- **Non-Simultaneous Operation**—Simultaneous operation indicates when both elements (if equipped) are being heated at the same 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.
- **Water Connections**—NPT factory-installed dielectric waterway with heat traps.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **T&P Relief Valve**—Installed, side T&P is standard. Optional top T&P location is available.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **Housing and Urban Development**—These water heaters are designed in accordance with H.U.D. and are approved for installation in a manufactured home (mobile home).



Photo is of RE240LN6



*Simultaneous operation must be specified when ordering.

6 or 10-Year Limited Tank Warranties / 6-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. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.



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SPECIFICATIONS

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C.E.C. Listed

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Gal.	First Hour Rating Gal.	Uniform Energy Factor	Element Wattage (Watts)		A Floor to Top of Heater	B Jacket Dia.	C Floor to Water Conn.	D C/L of Water Conn.	E Floor to T&P Conn.	G Water Conn. NPT	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.				Minimum	Maximum	in.	in.	in.	in.	in.	in.	lbs.
RE120L6†	19	16	—	—	—	1500	6000	24 7/16	18	25 11/16	8	18 15/16 / 25 11/16	3/4	65
RE130L6**	28	23	26	42	0.92	1500	6000	29 9/16	20	31 5/16	8	23 1/16 / 31 5/16	3/4	99
RE230LN6	28	23	26	41	0.92	1500	6000	29 9/16	23	31 5/16	8	23 1/16 / 31 5/16	3/4	102
RE240LN6	37	31	34	45	0.92	1500	6000	32 1/16	24 1/2	34 5/16	8	23 3/16 / 34 5/16	3/4	126
RE240L6**	38	32	35	49	0.91	1500	6000	32 3/8	24	34 5/8	8	23 3/16 / 34 5/8	3/4	140
RE250LN6	47	39	43	61	0.92	4000	6000	33 5/16	26	36 1/16	8	24 5/16 / 36 1/16	3/4	173
RE250L6**	47	39	43	61	0.94	4000	6000	33 5/16	26	36 1/16	8	24 5/16 / 36 1/16	3/4	175

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Liters	First Hour Rating Liters	Uniform Energy Factor	Element Wattage (Watts)		A Floor to Top of Heater	B Jacket Dia.	C Floor to Water Conn.	D C/L of Water Conn.	E Floor to T&P Conn.	G Water Conn. NPT	Approx. Shipping Weight
	Liters	Liters				Minimum	Maximum	mm.	mm.	mm.	mm.	mm.	mm.	kg.
RE120L6†	72	—	—	—	—	1500	6000	621	457	652	203	481 / 652	19	29
RE130L6**	106	—	98	159	0.92	1500	6000	751	508	795	203	586 / 795	19	45
RE230LN6	106	—	98	155	0.92	1500	6000	751	584	795	203	586 / 795	19	46
RE240LN6	140	—	129	171	0.92	1500	6000	814	622	872	203	598 / 872	19	57
RE240L6**	144	—	132	186	0.91	1500	6000	822	610	879	203	598 / 879	19	64
RE250LN6	178	—	163	231	0.92	4000	6000	846	660	916	203	618 / 916	19	78
RE250L6**	178	—	163	231	0.94	4000	6000	846	660	916	203	618 / 916	19	79

** 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".

All models available with optional top T&P location (Plugged).

† Exempt from ASHRAE 90.1b (current standard).

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

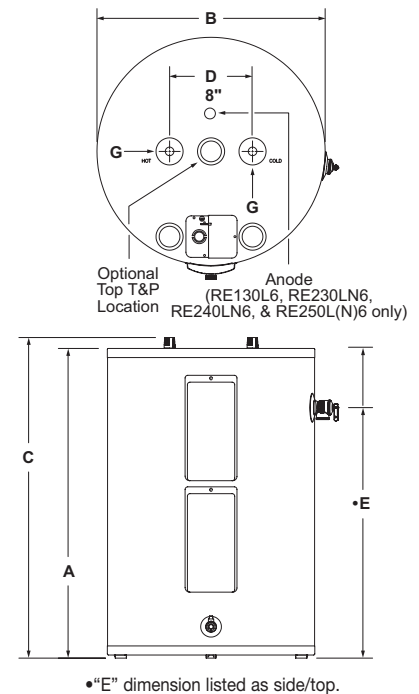
Refer to Element Wattage Minimum & Maximum in chart above

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

• = Not available on RE130L and RE230LN6.

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:

Meets NAECA Requirements. All models UL® listed. These heaters are wired inter-locking (Non-Simultaneous, Single Phase) 240V with two 4500W elements, unless otherwise specified. All water connections are 3/4" (19mm) NPT. 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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