

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

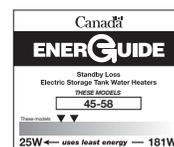
- **Fully Automatic Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Direct Heat Transfer with Immersed Elements**—Screw-in style.
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency 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.
- **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**—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.
- **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.
- **These Water Heaters are Approved for Installation in a Manufactured Home**—(mobile home) and must be installed in accordance with CAN/CSA Z240 MH series.



Photo is of RE240LN6



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



*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

These water heaters meet or exceed all or portions of (where applicable) the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition).

Model Number	Rated Nominal Capacity		Standby Loss (Watts)	First Hour Rating Gal.	Recovery at 90°F Rise*		A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to Water Conn. in.	D C/L of Water Conn. in.	E Floor to T&P Conn. in.	G Water Conn. NPT in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.			U.S. GPH*	Imp. GPH*							
RE230LN6	27	22	45	41	21	18	29 9/16	23	31 5/16	8	23 9/16 / 31 5/16	3/4	102
RE240LN6	37	31	52	45	21	18	32 1/16	24 1/2	34 5/16	8	23 9/16 / 34 5/16	3/4	126
RE250LN6	45	37	58	61	21	18	33 5/16	26	36 1/16	8	24 5/16 / 36 1/16	3/4	173

Model Number	Rated Nominal Capacity		Standby Loss (Watts)	First Hour Rating Liters	Recovery at 50°C Rise*		A Floor to Top of Heater mm.	B Jacket Dia. mm.	C Floor to Water Conn. mm.	D C/L of Water Conn. mm.	E Floor to T&P Conn. mm.	G Water Conn. NPT mm.	Approx. Shipping Weight kg.
	Liters				Liters/ Hour								
RE230LN6	102		45	155	80		751	584	795	203	598 / 795	19	46
RE240LN6	140		52	171	80		814	622	872	203	598 / 872	19	57
RE250LN6	170		58	231	80		846	660	916	203	618 / 916	19	78

If bottom cold water inlet kit is required, order part # 265-52904-00.

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

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

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

Wattage Limitations for Simultaneous Operation	Voltage				
	120V	208V	240V	277V	480V
1500W / 1500W	yes	yes	yes	yes	yes
2000W / 2000W	no	yes	yes	yes	yes
2500W / 2500W	no	yes	yes	yes	yes
3000W / 3000W	no	yes	yes	yes	yes
3500W / 3500W	no	yes	yes	no	no
4000W / 4000W	no	•yes	yes	yes	yes
4500W / 4500W	no	yes	yes	•yes	•yes
5000W / 5000W	no	•yes	yes	•yes	•yes
5500W / 5500W	no	yes	•yes	no	no
6000W / 6000W	no	no	yes	•yes	•yes

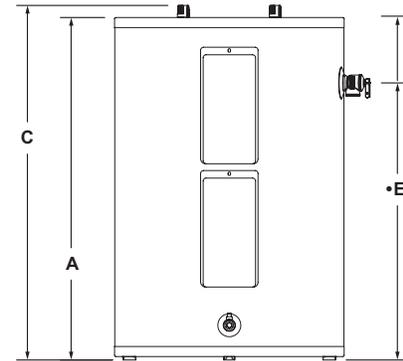
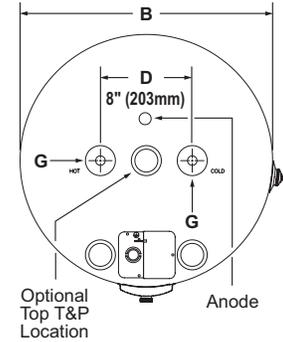
Wattage	Recovery ▲ GPH Temperature Rise °F				
	60	80	90	100	120
1500W	10	8	7	6	5
2000W	14	10	9	8	7
2500W	17	13	11	10	9
3000W	21	15	14	12	10
3500W	24	18	16	14	12
4000W	28	21	18	16	14
4500W	31	23	21	19	15
5000W	34	26	23	21	17
5500W	38	29	25	23	19
6000W	41	31	28	25	21

Wattage Limitations for Non-Simultaneous Operation	Voltage				
	120V	208V	240V	277V	480V
1500W / 1500W	yes	yes	yes	yes	yes
2000W / 2000W	yes	yes	yes	yes	yes
2500W / 2500W	yes	yes	yes	yes	yes
3000W / 3000W	yes	yes	yes	yes	yes
3500W / 3500W	no	yes	yes	no	no
4000W / 4000W	no	•yes	yes	yes	yes
4500W / 4500W	no	yes	yes	•yes	•yes
5000W / 5000W	no	•yes	yes	•yes	•yes
5500W / 5500W	no	yes	•yes	no	no
6000W / 6000W	no	yes	yes	•yes	•yes

Wattage	Recovery ▲ LPH Temperature Rise °C				
	34	45	50	56	67
1500W	38	30	26	23	19
2000W	53	38	34	30	26
2500W	64	49	42	38	34
3000W	79	57	53	45	38
3500W	91	68	61	53	45
4000W	106	79	68	61	53
4500W	117	87	79	72	57
5000W	129	98	87	79	64
5500W	144	110	95	87	72
6000W	155	117	106	95	79

• = Not available on RE230LN6.

▲ (GPH/LPH based on Non-Simultaneous operation, when Simultaneous operation the GPH/LPH will approximately double.)



• "D" dimension listed as side/top.

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 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.



Customer Service / Sales: 1-866-690-0961 / 905-203-0600
24/7 Technical Support: 800-334-3393 • Email TechServ@bradfordwhite.com

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