

LowboyResidential 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—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.
- 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.

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SPECIFICATIONS

Lowboy C.E.C. Listed

Model Number	Rate Nomi Capad	nal	DOE Rated Storage Volume	First Hour Rating	Uniform Energy Factor		t Wattage atts)	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.	lmp. Gal.	Gal.	Gal.		Minimum	Maximum	in.	in.	in.	in.	in.	in.	lbs.
RE120L6†	19	16	_	_	_	1500	6000	24 7/16	18	25 11/16	8	1815/16 / 2511/16	3/4	65
RE130L6**	28	23	26	42	0.92	1500	6000	29 9/16	20	31 5/16	8	23 9/16 / 31 5/16	3/4	99
RE230LN6	28	23	26	41	0.92	1500	6000	29 9/16	23	31 5/16	8	239/16 / 315/16	3/4	102
RE240LN6	37	31	34	45	0.92	1500	6000	32 1/16	24 1/2	345/16	8	23 9/16 / 345/16	3/4	126
RE240L6**	38	32	35	49	0.91	1500	6000	32 3/8	24	345/8	8	23 9/16 / 34 5/8	3/4	140
RE250LN6	47	39	43	61	0.92	4000	6000	33 5/16	26	361/16	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	Rate Nomir Capac	nal	DOE Rated Storage Volume	First Hour Rating	Uniform Energy Factor		t Wattage atts)	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
	Liter	'S	Liters	1.94								mm.		kg.
			Litoro	Liters		Minimum	Maximum	mm.	mm.	mm.	mm.	111111.	mm.	ng.
RE120L6†	72		_	Liters —	_	Minimum 1500	Maximum 6000	mm. 621	mm. 457	mm. 652	mm. 203	481 / 652	mm. 19	29
RE120L6† RE130L6**	72 106				— 0.92									
			_	_		1500	6000	621	457	652	203	481 / 652	19	29
RE130L6**	106		— 98	— 159	0.92	1500 1500	6000 6000	621 751	457 508	652 795	203 203	481 / 652 598 / 795	19 19	29 45
RE130L6** RE230LN6	106 106		— 98 98	— 159 155	0.92 0.92	1500 1500 1500	6000 6000 6000	621 751 751	457 508 584	652 795 795	203 203 203	481 / 652 598 / 795 598 / 795	19 19 19	29 45 46
RE130L6** RE230LN6 RE240LN6	106 106 140		98 98 129	— 159 155 171	0.92 0.92 0.92	1500 1500 1500 1500	6000 6000 6000 6000	621 751 751 814	457 508 584 622	652 795 795 872	203 203 203 203	481 / 652 598 / 795 598 / 795 598 / 872	19 19 19 19	29 45 46 57

^{**} 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).

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

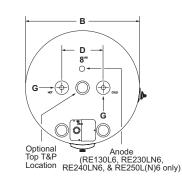
Refer to Element Wattage Minimum & Maximum in chart above

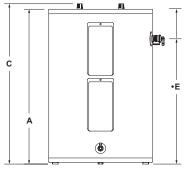
Wattage Limitations for Simultaneous		,	/oltag	е		Wattage Limitations for Non-Simultaneous	Voltage				
Operation	120V	208V	240V	277V	480V	Operation	120V	208V	240V	277V	480V
1500W / 1500W	yes	yes	yes	yes	yes	1500W / 1500W	yes	yes	yes	yes	yes
2000W / 2000W	no	yes	yes	yes	yes	2000W / 2000W	yes	yes	yes	yes	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	GPH 1	Red empe	covery eratur	e Rise	°F 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.)





•"E" dimension listed as side/top.

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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AMERICAN STRONG.

- BRADFORD WHITE IS -

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[†] Exempt from ASHRAE 90.1b (current standard).