

## ElectriFLEX LD™ (Light Duty) Commercial Lowboy Electric Water Heater



Photo is of  
LE120L3-3



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

### Bradford White ElectriFLEX LD™ Lowboy Electric Models Feature:

- **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 a counter.
- **Fully Automatic Controls**—Fast-acting surface-mount thermostats for automatic temperature control. Factory-installed sensitive manual reset energy cut-off 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).
- **1" Non-CFC Foam Insulation**—Covers the sides and top of 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.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled, and welded.
- **Field Convertible**—Units are shipped from factory standard Three Phase, Non-Simultaneous and can be converted to Single Phase and/or Simultaneous operation in the field.
- **Field Conversion Kits**—Change voltage and kW in the field (see options on following page).
- **T&P Relief Valve Installed**—Side T&P is standard. Optional top T&P location is available and must be specified when ordering.



### 3 or 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://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.

# Commercial Electric Water Heater

## ElectriFLEX LD™ Lowboy Electric Models

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed

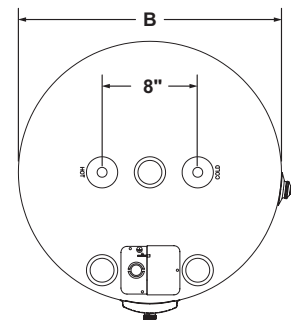
Model Number	Capacity		Recovery 100°F Rise		A Floor to Heater Top	B Jacket Dia.	C Floor to Water Conn.	D Floor to T&P Conn.††	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	U.S. GPH*	Imp. GPH*	in.	in.	in.	in.	lbs.
LE120L3-3†	19	16	18	15	24 <sup>3</sup> / <sub>4</sub>	18	26	19 <sup>1</sup> / <sub>4</sub> / 24 <sup>7</sup> / <sub>8</sub>	58
LE130L3-3**	30	25	18	15	29 <sup>3</sup> / <sub>4</sub>	20	31	24 / 29 <sup>3</sup> / <sub>8</sub>	86
LE140L3-3**	40	33	18	15	31 <sup>1</sup> / <sub>4</sub>	22	32 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub> / 31 <sup>3</sup> / <sub>4</sub>	115
LE150L3-3**	47	33	18	15	31 <sup>3</sup> / <sub>4</sub>	24	33 <sup>1</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub> / 31 <sup>3</sup> / <sub>4</sub>	140

Model Number	Capacity		Recovery 56°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.	mm.	kg.	
LE120L3-3†	72	68	629	457	660	489 / 632	26		
LE130L3-3**	114	68	756	508	787	610 / 746	39		
LE140L3-3**	151	68	794	559	835	613 / 806	52		
LE150L3-3**	178	68	806	610	841	613 / 806	64		

Specify wattage and voltage when ordering. Use chart below for maximum wattages at certain voltages. \*\*Models include supplied insulation blanket (2" thick). Dimensions in charts above do not include blanket thickness. For 5 year models, change suffix "3" to "5". \*Based on 4500W/4500W, Non-Simultaneous operation. NSF Kits available when ordering. †Exempt from ASHRAE 90.1b. †† All models feature side or top T&P location and must specify when ordering. "D" dimension listed as side/top.

Wattage Limitations for Non-Simultaneous and Simultaneous Operation	Voltage					Wattage	Recovery ▲ GPH Temperature Rise °F				
	120V	208V	240V	277V	480V		60	80	90	100	120
	1500W / 1500W	yes	yes	yes	yes		yes	1500W	10	8	7
2000W / 2000W	no	yes	yes	yes	yes	2000W	14	10	9	8	7
2500W / 2500W	no	yes	yes	yes	yes	2500W	17	13	11	10	9
3000W / 3000W	no	yes	yes	yes	yes	3000W	21	15	14	12	10
3500W / 3500W	no	yes	yes	no	no	3500W	24	18	16	14	12
4000W / 4000W	no	yes	yes	yes	yes	4000W	28	21	18	16	14
4500W / 4500W	no	yes	yes	yes	yes	4500W	31	23	21	18	15
5000W / 5000W	no	yes	yes	yes	yes	5000W	34	26	23	21	17
5500W / 5500W	no	no	yes	no	no	5500W	38	29	25	23	19
6000W / 6000W	no	no	no	yes	yes	6000W	41	31	28	25	21

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



### Voltage and Wattage Conversion Kits

Simultaneous and Non-Simultaneous Wattage	Voltage					
	120V	208V	240V	277V	380V	480V
1500W / 1500W	265-46409-01	265-46409-05	265-46409-13	265-46409-16	265-46409-24	265-46409-32
2000W / 2000W	N/A	265-46409-06	265-46409-05	265-46409-17	265-46409-43	265-46409-33
2500W / 2500W	N/A	265-46409-07	265-46409-06	265-46409-18	265-46409-25	265-46409-34
3000W / 3000W	N/A	265-46409-08	265-46409-14	265-46409-19	265-46409-26	265-46409-35
3500W / 3500W	N/A	265-46409-09	265-46409-07	N/A	265-46409-27	N/A
4000W / 4000W	N/A	265-46409-10	265-46409-08	265-46409-20	265-46409-29	265-46409-36
4500W / 4500W	N/A	265-46409-11	265-46409-09	265-46409-21	265-46409-30	265-46409-37
5000W / 5000W	N/A	265-46409-12	265-46409-15	265-46409-22	265-46409-31	265-46409-38
5500W / 5500W	N/A	N/A	265-46409-10	265-46409-40**	265-46409-44	265-46409-42**
6000W / 6000W	N/A	N/A	N/A	265-46409-23	265-46409-45	265-46409-39

Note: Above chart can be used to determine maximum wattage at certain voltages. \*\*INCOLOY® element only.

Each kit will include two replacement elements, two gaskets, a rating plate overlay and one set of instructions. For water heaters with only one element, please retain the extra element and gasket as a service part.

### General:

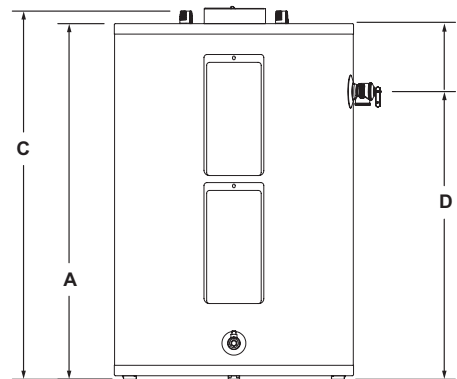
All models are exempt from NAECA requirements.

All models ETL listed. These heaters are wired inter-locking (Non-Simultaneous, Three Phase) 240V with two 4500W elements, unless otherwise specified.

All water connections are 3/4" NPT (19mm). All electrical connections are 3/4" (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

International: Telephone 215-641-9400 • Telefax 215-641-9750 / www.bradfordwhite.com

**BRADFORD WHITE - CANADA** INC. Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

**Built to be the Best™**