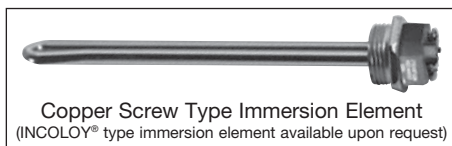


## ElectriFLEX LD™ (Light Duty) Commercial Upright Electric Water Heater



Photo is of  
LE250S3-3



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

- **Fully Automatic Controls**—Fast-acting surface-mount thermostats for automatic temperature control. Factory-installed sensitive manual reset energy cutoff 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).
- **2" 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 (LE2120T has 1" NPT dielectric waterway fittings).
- **Factory-Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation (Except LE2120T).
- **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**—All models have special tapping on top of tank.



### 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™ Upright Models

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

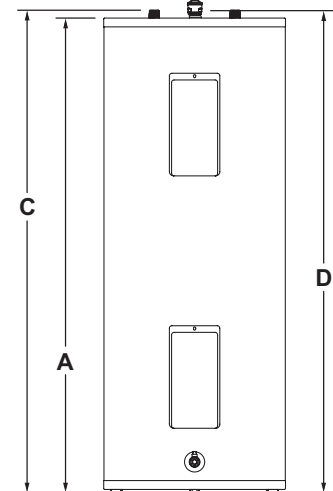
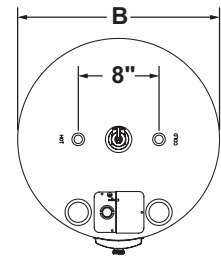
Model Number	Capacity		Recovery 100°F Rise		A Floor to Heater Top	B Jacket Dia.	C Floor to Water Conn.	D Floor to T&P Conn.	Approx. Shipping Weight
	U.S. Gal.	Imp. Gal.	U.S. GPH*	Imp. GPH*	in.	in.	in.	in.	
LE230S3-3	30	25	18	15	46 <sup>7</sup> / <sub>8</sub>	18	48 <sup>1</sup> / <sub>8</sub>	47 <sup>9</sup> / <sub>16</sub>	85
LE240S3-3	40	33	18	15	46 <sup>7</sup> / <sub>8</sub>	20	47 <sup>7</sup> / <sub>8</sub>	46 <sup>7</sup> / <sub>8</sub>	103
LE250S3-3	50	42	18	15	46 <sup>1</sup> / <sub>2</sub>	22	47 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>2</sub>	130
LE265T3-3	65	54	18	15	59 <sup>1</sup> / <sub>4</sub>	22	60 <sup>1</sup> / <sub>4</sub>	59 <sup>1</sup> / <sub>4</sub>	156
LE280T3-3	80	67	18	15	59 <sup>1</sup> / <sub>4</sub>	24	60 <sup>1</sup> / <sub>4</sub>	59 <sup>1</sup> / <sub>4</sub>	183
LE2120T3-3	119	99	18	15	62 <sup>3</sup> / <sub>4</sub>	28	64 <sup>1</sup> / <sub>4</sub>	62 <sup>1</sup> / <sub>4</sub>	305

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.		
LE230S3-3	114	68	1191	457	1222	1199	39		
LE240S3-3	151	68	1191	508	1216	1191	47		
LE250S3-3	189	68	1181	559	1207	1181	59		
LE265T3-3	246	68	1505	559	1530	1505	71		
LE280T3-3	303	68	1505	610	1530	1505	83		
LE2120T3-3	450	68	1594	711	1632	1581	138		

Specify wattage and voltage when ordering. Use chart below for maximum wattages at certain voltages For 5 year models, change suffix "3" to "5". \*Based on 4500W/4500W, Non-Simultaneous operation. NSF Kits available when ordering.

Wattage Limitations for Non-Simultaneous and Simultaneous Operation	Voltage					Recovery ▲ GPH Temperature Rise °F					
	120V	208V	240V	277V	480V	Wattage	60	80	90	100	120
1500W / 1500W	yes	yes	yes	yes	yes	1500W	10	8	7	6	5
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: 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 and electrical connections are 3/4" NPT (19mm), 120 gallon model has 1" NPT (25mm).

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™**