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# BRADFORD WHITE®

## Residential Energy Saver Electric-Lowboy

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### Features:

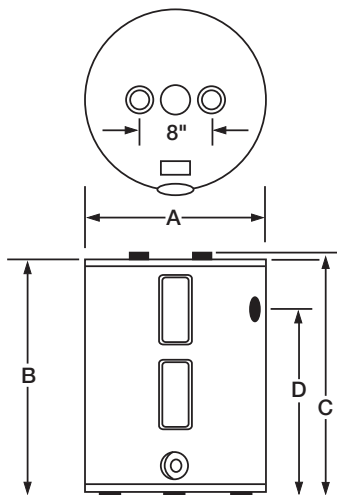


Bradford White is ISO registered to the 9001- standard.

- All residential storage models meet or exceed efficiency requirements of the Department of Energy. ASHRAE Standard 90.1 b (current standard) and the National Appliance Energy Conservation Act of 1987 recent amendment effective January 20, 2004 which supercedes all state and local efficiency requirements.
- **2" Non-CFC foam insulation**—surrounds the tank surface, saving energy by retarding loss of heat (**M-1 models have 1"**).
- **Heat traps**—factory installed, minimizes heat loss through piping.
- **Water Connections**—3/4" NPT factory installed true dielectric fittings. Extends water heater life and eases installation.
- **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.
- **Vitraglas® lining**—Bradford White water heater tanks are protected from the corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The Bradford White high silica Vitraglas® lining provides a tough interior surface for our hot water tanks.
- **Protective magnesium rod**—provides added protection against corrosion for long trouble-free service.
- **Factory installed Hydrojet® Total Performance System**—cold inlet sediment reducing device. Helps prevent sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- **T&P relief valve included.**
- **Brass drain valve.**
- **Six or ten year limited warranty on steel tank**—heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **Six year limited warranty on parts.**

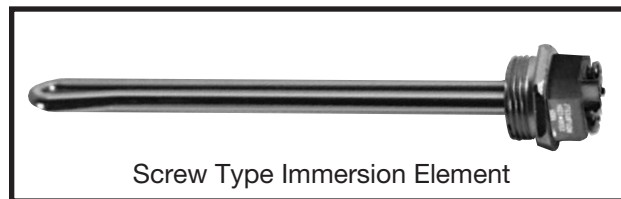
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 6,684,821; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356; 5,115,767; 5,092,519; 5,052,346; 4,416,222; 4,628,184; 4,861,968; 4,672,919; Re. 34,534. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 1,272,914; 1,280,043; 1,289,832; 2,045,862; 2,112,515; 2,108,186; 2,107,012.





# Residential Energy Saver Electric-Lowboy

## Energy Saver Models



Screw Type Immersion Element

## Lowboy Electric Models

CEC Listed

Model	Imp. Gal. Cap.	U.S. Gallon Cap.	Liters	A Jacket Diameter		B Height Floor to Heater Top		C Floor to Water Conn.		D Height Floor to T&P Conn.		GPH Recovery 50°C. Rise 90°F. Rise			Approx. Shpg. Wt.	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	Imp. Gal.	U.S. Gal.	Liters	Lbs.	Kg.
M-1-20L6DS	16	19	72	18	457	24%	632	25%	657	19 1/4/24%	489/632	16.7	20	76	58	26
M-1-30L6DS*	25	30	114	20	508	30	762	29%	778	24/29%	610/746	16.7	20	76	86	39
M-2-30L6DS	33	30	114	22	559	30	762	31	787	24 1/2/31 1/4	613/794	16.7	20	76	115	52
M-1-40L6DS*	33	40	151	22	559	31 1/4	794	32%	835	24 1/2/31 1/4	613/806	16.7	20	76	115	52
M-2-40L6DS	33	40	151	24	610	32 1/2	816	33%	841	24 1/2/33%	613/848	16.7	20	76	115	52
M-1-50L6DS*	33	47	178	24	610	31 1/4	794	33%	841	24 1/2/31 1/4	613/806	16.7	20	76	115	52
M-2-50L6DS	39	47	178	26	660	32 1/2	816	33%	841	24 1/2/33%	613/848	16.7	20	76	143	65

\*M-1-30L, M-1-40L and M-1-50L models supplied with insulation jacket in order to meet efficiency requirements of the Department of Energy.

**Note:** The Lowboy Heaters will be wired inter-locking (non-simultaneous) 240 volt with 4500 watt elements, unless otherwise specified. Other wattages are available up to 6000 watts non-simultaneous and 11,000 watts simultaneous 240 volt. For single element models change suffix letter "D" to "S". Single element 6000W models also available. Suffix letter "S" indicates screw type element. 4500 watt/240 volt elements require a 30 amp breaker. All models feature optional top T & P location & must be specified when ordering. "D" dimension listed above as side/top.

Meets NAECA requirements.

### General

All models UL and CUL listed. All water connections, 3/4" (19mm) NPT. All electrical connections, 3/4" (19mm). All models certified at 300 psi test pressure (2068 kPa), 150 psi working pressure (1034 kPa). Change suffix number "6" to "10" for warranty identification.

**Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.**

### 6-Year Limited Warranty on Component Parts

BRADFORD WHITE CORPORATION has a 6-year warranty on replaceable parts—thermostat, elements, dip tube, drain valve. These quality components are manufactured for us by industry leaders and will be replaced in the event of failure during the parts warranty period (exclusive of shipping and re-installation cost.)\*

### 6 or 10-Year Limited Tank Warranties

BRADFORD WHITE CORPORATION LIMITED WARRANTY: Protects your investment in a quality glass-lined water heater. If the tank leaks for reasons of faulty materials, workmanship, or corrosion within the warranty period, the heater will be replaced with a comparable heater of our manufacture (exclusive of shipping and re-installation cost.)\*

\* Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater. Indicated warranties apply to USA, Canada and Puerto Rico installations.

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### Wattage Limitations at Various Voltages for Simultaneous Operation

3,000 Watts	1,500/1,500W at 120V
10,000 Watts	5,000/5,000W at 208V
11,000 Watts	5,500/5,500W at 240V
12,000 Watts	6,000/6,000W at 277V, 480V



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

Fax on Demand:  
888-538-7833

www.bradfordwhite.com



Sales/Technical Support  
866-690-0961  
905-238-0100

Fax/905-238-0105

www.bradfordwhitecanada.com

Count On Bradford White  
For *Everything* Hot Water™