


BRADFORD WHITE®

Residential Energy Saver Electric-Upright



Features:



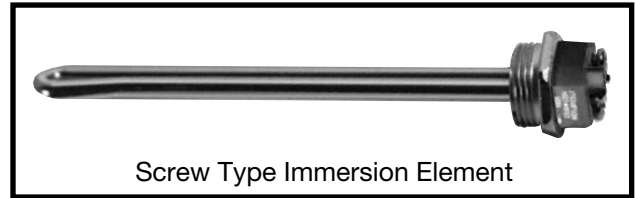
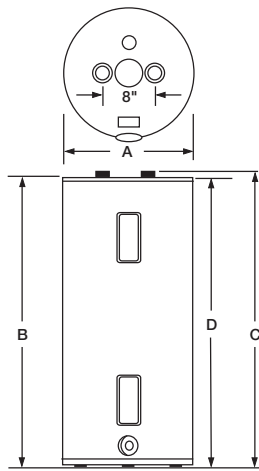
Bradford White is ISO registered to the 9001-standard.

- 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 (M180R has 1").
- **Heat Traps**—factory installed, minimizes heat loss through piping.
- **Water Connections**— $\frac{3}{4}$ " NPT factory installed true dielectric fitting. Extends water heater life and eases installation (M2120R has 1" NPT dielectric waterway fittings).
- **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.
- **Vitraglas® lined tank**—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 water heater tanks.
- **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.
- **Protective magnesium anode rod**—provides added protection against corrosion for long trouble-free service.
- **Brass drain valve.**
- **T&P relief valve opening**—all models have special tapping on top of tank.
- **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-Upright



Screw Type Immersion Element

Deluxe Energy Saving Models

C.E.C. Listed.

Model	Imp. Gal. Cap.	U.S. Gal. Cap.	Liters	A		B		C		D		GPH Recovery		Approx. Shipping Weight		
				Jacket Diameter In.	mm	Height Floor to Heater Top In.	mm	Height Floor to Water Conn. In.	mm	Height Floor to T&P Conn. In.	mm	90°F. or 50°C Rise	Imp. Gal.	Liter	Lbs.	Kg
M-2-30R6DS	25	30	114	18	457	47 $\frac{5}{8}$	1199	48 $\frac{3}{8}$	1224	47 $\frac{5}{8}$	1199	17	20	76	85	39
M-2-40S6DS	33	40	151	20	508	46 $\frac{7}{8}$	1191	47 $\frac{7}{8}$	1216	46 $\frac{7}{8}$	1191	17	20	76	103	47
M-2-40T6DS	33	40	151	18	457	59 $\frac{3}{4}$	1518	60 $\frac{3}{4}$	1543	59 $\frac{3}{4}$	1518	17	20	76	110	50
M-2-50S6DS†	42	50	189	22	559	46 $\frac{1}{2}$	1181	47 $\frac{1}{2}$	1207	46 $\frac{1}{2}$	1181	17	20	76	130	59
M-2-50T6DS	42	50	189	20	508	57 $\frac{1}{2}$	1461	58 $\frac{1}{2}$	1486	57 $\frac{1}{2}$	1461	17	20	76	123	56
M-2-65R6DS	54	65	246	22	559	59 $\frac{3}{4}$	1505	60 $\frac{3}{4}$	1530	59 $\frac{3}{4}$	1505	17	20	76	156	71
M-2-80R6DS	67	80	303	24	610	59 $\frac{3}{4}$	1505	60 $\frac{3}{4}$	1530	59 $\frac{3}{4}$	1505	17	20	76	183	83
M-1-80R6DS	67	80	303	22	559	60 $\frac{3}{4}$	1530	61 $\frac{1}{4}$	1556	60 $\frac{3}{4}$	1530	17	20	76	174	66
M-2-120R6DS	99	119	450	28	711	62 $\frac{3}{4}$	1594	64 $\frac{1}{4}$	1632	62 $\frac{3}{4}$	1581	17	20	76	305	138

†Available with optional hand hole cleanout.

Note: The Upright 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". (M-2-120 not available as a single element model.) Suffix letter S indicates screw type element. Upright models equipped with Non-CFC foam insulation. Single element 6000W Incoloy models also available.

General

All models UL and CUL listed. All water connections are $\frac{3}{4}$ " (19mm) 120 gallon model has 1" (25mm) NPT. All electrical connections $\frac{3}{4}$ " (19mm). All models certified at 300 psi test pressure (2068 kPa) and 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.

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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


BRADFORD WHITE
CORPORATION
Ambler, PA

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


BRADFORD WHITE-CANADA™ INC.
Mississauga, ON

Sales/866-690-0961
905-238-0100
Fax/905-238-0105

Technical Support/800-334-3393
www.bradfordwhitecanada.com