



Residential Energy Saver Electric-Upright



Features:



Bradford White is ISO registered to the 9001-1994 standard.

- **1" Non-CFC foam insulation**—surrounds tank surface, saving energy by retarding loss of heat.
- **Heat traps**—all upright models equipped with two factory installed heat traps.
- **Factory installed nipples**—for longer water heater life. Easier installation.
- **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® 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.
- **Factory installed Hydrojet® Total Performance System**—cold inlet sediment reducing device. Helps minimize sediment build up in tank. Increases first hour delivery of hot water while minimizing temperature build up at top of tank.
- **Protective magnesium rod**—provides added protection against corrosion for long trouble-free service.
- **T&P relief valve included**—all models have special tapping on top of tank.
- **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.**

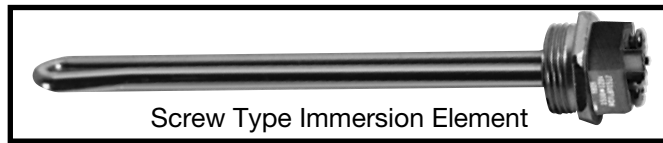
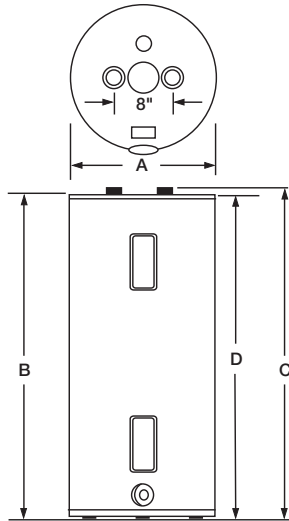
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS:
5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385;
5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952;
5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356;
5,115,767; 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

Energy Saver Models

These water heaters meet or exceed the performance standards established under ASHRAE Standard 90.1b current standard. Meets NAECA requirements.



Screw Type Immersion Element

Wattage Limitations at Various Voltages for Simultaneous Operation

5,000 Watts	2,500/2,500W 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

Upright Electric Models

Model	Imp. Gal. Cap.	U.S. Gal. 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. Shipping Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	Imp. GPH	U.S. GPH	Liters/Hour	Lbs.	Kg.
M-I-30R6DS	25	30	114	16	406	46½	1181	47¼	1200	46½	1181	17	20	76	80	36
M-I-40S6DS	33	40	151	18	457	46½	1190	47¼	1216	46½	1190	17	20	76	96	44
M-I-40T6DS	33	40	151	16	406	59%	1514	60%	1537	59%	1514	17	20	76	104	47
M-I-50S6DS †	42	50	189	20	508	46½	1181	47¼	1207	48½	1181	17	20	76	119	54
M-I-50T6DS	42	50	189	18	457	57½	1461	58%	1492	57½	1466	17	20	76	116	53
M-I-65R6DS	54	65	246	20	508	59¼	1505	60%	1543	59¼	1505	17	20	76	146	66
M-I-80R6DS	67	80	303	22	559	59	1499	60%	1540	59	1499	17	20	76	174	79

† 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". Suffix letter "S" indicates screw type element. 4500 watt/240 volt elements require a 30 amp breaker. Upright models equipped with Non-CFC foam insulation. Single element 6000W Incoloy models also available.

General

All models UL listed. All water connections, ¾" (19mm) NPT. All electrical connections, ¾" (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.

Standard Element Chart (Availability)

Input (KW)	120V	208V	240V	277V	380V	415V	480V
1.5	yes	yes	yes	yes	yes	no	yes
2.0	yes	yes	yes	yes	yes	yes	yes
2.5	yes	yes	yes	yes	yes	yes	yes
3.0	yes	yes	yes	yes	no	yes	yes
3.5	no	yes	yes	no	yes	no	no
4.0	no	yes	yes	yes	yes	yes	yes
4.5	no	yes	yes	yes	yes	yes	yes
5.0	no	yes	yes	yes	yes	yes	yes
5.5	no	yes	yes	no	no	yes	no
6.0	no	yes	yes	yes	yes	yes	yes

Incoloy Element Chart (Availability)

Input (KW)	120V	208V	240V	277V	380V	415V	480V
1.5	yes	yes	yes	no	yes	yes	no
2.0	no	yes	yes	yes	yes	yes	yes
2.5	no	yes	yes	no	yes	no	no
3.0	no	yes	yes	yes	yes	yes	yes
3.5	no	yes	yes	no	yes	yes	no
4.0	no	yes	yes	yes	yes	yes	yes
4.5	no	yes	yes	yes	yes	yes	yes
5.0	no	yes	yes	no	yes	yes	yes
5.5	no	yes	yes	yes	no	yes	yes
6.0	no	yes	yes	yes	yes	yes	yes



Ambler, PA

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Warranty 800-531-2111 • Fax 269-795-1089 / International: Telephone 215-641-9400 • Telefax 215-641-9750

In Canada: Sales 800-523-2931 • Fax 215-641-9750 / Service 800-334-3393 • Fax 269-795-1089 / Fax on Demand 888-538-7833 / bradfordwhite.com

PRODUCTS ONLY FOR PROFESSIONALS