



Residential Energy Saver Gas-Upright (M-4)

MEETS C.E.C. TITLE 24, SCAQMD rule 1121 (40ng/j)



Bradford White is ISO registered to the 9001 standard.

All Models Feature:

- 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**—covers the sides and top of tank, saving energy by retarding loss of heat. No added insulation blanket required to meet C.E.C. Title 24, Section 2-5352 requirements.
- **Flue baffle**—designed to maximize the amount of heat absorbed in the lower portion of tank. Minimizes air movement in the heater during standby periods to retard heat loss up the flue.
- **Fully automatic controls**—automatic temperature selection at your fingertips. Built-in energy cut-off switch prevents abnormally high water temperature for extra safety. Built-in gas pressure regulation.
- **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 anode 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.
- **Heat Traps**—factory installed, minimizes heat loss through piping.
- **Water Connections**— $\frac{3}{4}$ " NPT factory installed true dielectric fittings. Extends water heater life and eases installation.
- **Brass drain valve.**
- **"Snap-Lock" draft diverter.**
- **T&P relief valve included.**
- **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.**
- **Design certified by CSA International. (formerly AGA/CGA)**
- **Piezo Igniter**—easy and quick lighting of the pilot burner by push button.
- **Advanced ScreenLok™ Technology Flame Arrestor Design**
- **Resettable Thermal Switch**—proven and reliable bimetallic switch prevents burner and pilot operation in case of ongoing flammable vapor burn inside of the combustion chamber or restricted air flow.
- **Pedestal Base**—Rugged and durable base allows easy transport and positioning, corrosion resistant contact with floor.
- **Maintenance Free**—No regular cleaning of air inlet openings or flame arrestor is required under normal conditions.
- **Sight Window**—Offers a view into the combustion chamber to observe the operation of the pilot and burner.

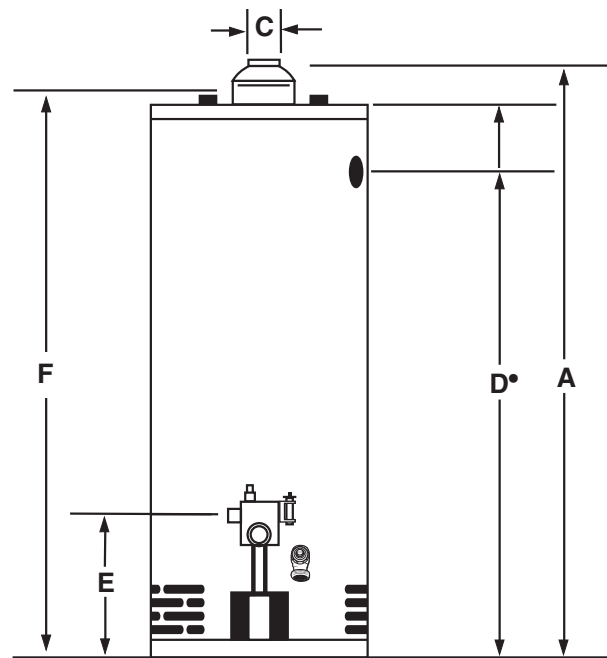
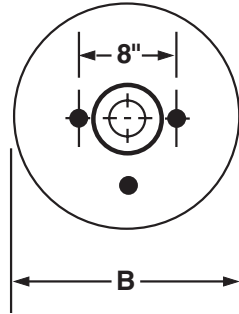
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,954,492; 5,761,379; 5,943,984; 5,081,696; 5,988,117; 6,142,216; 5,199,385; 6,684,821; 5,574,822; 5,372,185; 5,485,879; 5,277,171; (B1)5,341,770; 5,660,165; 5,596,952; 5,682,666; 4,904,428; 5,023,031; 5,000,893; 4,669,448; 4,829,983; 4,808,356; 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.



Photo is of M-4-403T6FBN

Residential Energy Saver Gas-Upright

The Bradford White Defender Safety System models meet ANSI Standard Z21.10.1a.



Energy Saver Models

2" Non-CFC Foam Insulation
No added insulation blanket required.

Meets C.E.C. Title 24, SCAQMD rule 1121 (40ng/j)
79% Recovery Efficiency C.E.C. Listed

Model	Imp. Gal. Cap.	U.S. Gal. Cap.	Liters	Nat. Gas Input BTU	KW Input	Recovery Per Hour 50°C Rise 90°F Rise			A Height Floor to Flue Conn.		B Jacket Dia. in. mm.	C Vent Size in. mm.		D Height Floor to T&P Conn.		E Height Floor to Gas Conn.		F Height Floor to Water Conn.		Approx. Shipping Weight Lbs. Kg.		
						Imp. Gal.	US Gal.	Liters/Hour	in.	mm.		in.	mm.	in.	mm.	in.	mm.	in.	mm.		in.	mm.
M-4-30T6FBN ^(LP)	25	30	114	32,000	9.4	28	34	129	59%	1502	18	457	3	76	49%/56%	1264/1432	13	330	57%	1460	114	52
M-4-40T6FBN ^(LP)	33	40	151	40,000	11.7	36	43	163	59%	1508	20	508	3	76	50/56%	1270/1438	13	330	57%	1467	128	58
M-4-40S6FBN ^(LP)	33	40	151	40,000	11.7	36	43	163	50	1270	22	559	3	76	41/47%	1041/1200	13	330	48%	1232	133	60
M-4-5036FBN ^(LP)	42	50	189	40,000	11.7	36	43	163	59%	1514	22	559	3	76	50/57	1270/1448	13	330	58	1473	151	68

All LP Gas models are equipped with a cast iron burner. To order an LP Gas model change suffix "BN" to "CX".

Based on manufacturers rated recovery efficiency.

•Models feature optional side/top T&P location and must be specified when ordering. "D" dimension listed as side/top.

Meets NAECA requirements.

Suitable for Water (Potable) Heating and Space Heating

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into this system. This unit may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

General

All gas water heaters are certified at 300 PSI (2068 kPa) test pressure and 150 PSI (1034 kPa) working pressure. All water connections are 3/4" (19mm) NPT on 8" (203 mm) centers. All gas connections are 1/2" (13mm). All models design certified by CSA International (formerly AGA/CGA) and peak performance rated. Change suffix number "6" to "10" for warranty identification. Recovery on all models based on manufacturers rated recovery efficiency.

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, burner, 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 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. For products installed in USA, Canada and Puerto Rico. See complete copy of the warranty included with the heater.

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^(LP)LP Gas Inputs

	Recovery Per Hour 50°C Rise and 90°F Rise			
		Imp. Gal.	U.S. Gal.	Liters/Hr.
M-4-30T6FCX	31,000 BTU 9.1 KW	27	33	125
M-4-40T6FCX	36,000 BTU 10.5 KW	32	38	144
M-4-40S6FCX	38,000 BTU 11.1 KW	32	38	144
M-4-5036FCX	36,000 BTU 10.5 KW	32	38	144

BRADFORD WHITE
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Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

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Fax/269-795-1089

Warranty/800-531-2111
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