

Residential Atmospheric Vent High EF Energy Saver Gas Water Heater



Photo is of
M-4-40T6FBN

The High EF FVIR Defender Safety System® Models Feature:

- **ENERGY STAR® Qualified**—These models qualify for the January 1st, 2009 minimum ENERGY STAR® EF requirement, as well as most utility rebate programs.
- **Advanced ScreenLok® Technology Flame Arrestor Design**—Flame arrestor is designed to prevent ignition of flammable vapor outside of the water heater.
- **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.
- **Piezo Igniter**—Easy and quick lighting of the pilot burner by push button.
- **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.
- **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 at top of tank.
- **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.
- **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.
- **2" Non-CFC Foam Insulation**—Covers the side and top, 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 eases installation.
- **Factory Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **3x4 "Snap Lock" Draft Diverter**—Allows either 3" or 4" vent connections with inputs of 40,000 BTU/Hr or less.
- **T&P Relief Valve Included**—Included.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded.
- **Brass Drain Valve.**
- **Design Certified by CSA International (formerly AGA/CGA).**



6 or 10-Year Limited Tank Warranties / 6-Year Limited Warranty on Component Parts.

For more information on warranty, please visit 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.

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; 7,270,087 B2. 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; 2,092,105; 2,409,271
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Residential Atmospheric Vent Gas Water Heater



High EF Energy Saver Models

NATURAL GAS AND LIQUID PROPANE GAS

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed
79% Recovery Efficiency

Model Number	Capacity		Recovery* 90°F Rise				A Floor to Flue Conn.	B Jacket Dia.	C Vent Size	D Floor to T&P Conn.	E Floor to Gas Conn.	F Floor to Water Conn.	Approx. Shipping Weight		
	U.S. Gal.	Imp. Gal.	Nat. BTU/Hr. Input	LP BTU/Hr. Input	Nat. U.S. GPH	Nat. Imp. GPH								LP U.S. GPH	LP Imp. GPH
M-4-30T6FBN●	30	25	32,000	31,000	34	28	33	27	59 ¹ / ₈	18	3x4	49 ³ / ₄ / 56 ³ / ₈	13	57 ¹ / ₂	114
M-4-40T6FBN●	40	33	40,000	36,000	43	36	38	32	59 ³ / ₈	20	3x4	50 / 56 ³ / ₈	13	57 ³ / ₄	128
M-4-40S6FBN●	40	33	40,000	38,000	43	36	40	33	50	22	3x4	41 / 47 ¹ / ₄	13	48 ¹ / ₂	133
M-4-50S6FBN●	50	42	40,000	36,000	43	36	38	32	59 ³ / ₈	22	3x4	50 / 57	13	58	151
M-4-60T6FBN	60	50	40,000	38,000	43	36	40	33	60 ³ / ₄	24	3x4	50 ¹ / ₂	13	58 ¹ / ₄	192

Model Number	Capacity		Recovery* 50°C Rise				A Floor to Flue Conn.	B Jacket Dia.	C Vent Size	D Floor to T&P Conn.	E Floor to Gas Conn.	F Floor to Water Conn.	Approx. Shipping Weight
	Liters		Nat. kW Input	LP kW Input	Nat. Liters/Hour	LP Liters/Hour							
M-4-30T6FBN●	114		9.4	9.1	129	125	1502	457	76x102	1264 / 1432	330	1460	52
M-4-40T6FBN●	151		11.7	10.5	163	144	1508	508	76x102	1270 / 1438	330	1467	58
M-4-40S6FBN●	151		11.7	11.1	163	151	1270	559	76x102	1041 / 1200	330	1232	60
M-4-50S6FBN●	189		11.7	10.5	163	144	1514	559	76x102	1270 / 1448	330	1473	68
M-4-60T6FBN	227		11.7	11.1	163	151	1543	609	76x102	1282	330	1480	87

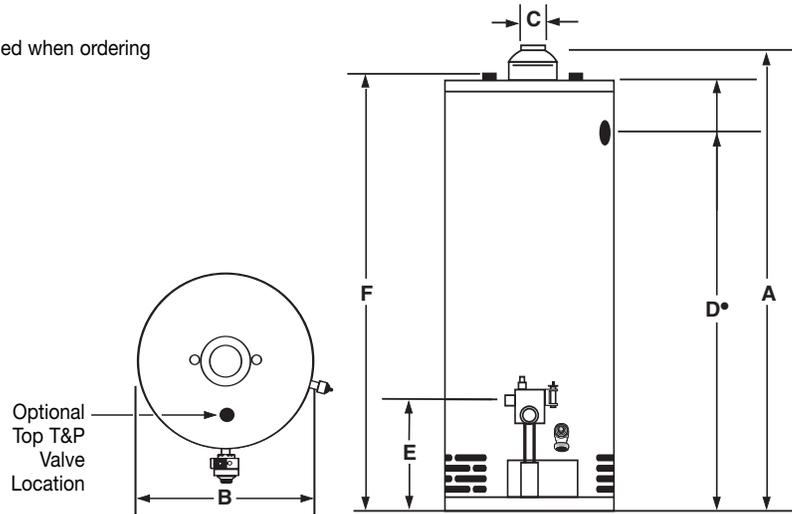
Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix "BN" to "SX".

For 10 year models, change suffix from "6" to "10".

*Based on manufacturers rated recovery efficiency.

- Models feature optional top T&P location and must be specified when ordering (M-4-60T does not have top T&P option).

M-4-30T and M-4-60T does not qualify for ENERGY STAR®.



"D" dimension listed as side/top.

Meets NAECA Requirements

General

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All potable water connections are 3/4" NPT (19mm) on 8" (203mm) centers. All models design certified by CSA International (formerly AGA/CGA), ANSI Z-21.10.1 and peak performance rated.

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

Suitable for Water (Potable) Heating and Space Heating.

See Gas Appliance Manufacturers Association (GAMA) for current Energy Factor ratings.

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



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 / www.bradfordwhite.com

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