

Residential Upright Energy Saver Gas Water Heater



Photo is of
M-I-5036BN

The Residential Upright Models Feature:

- **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 in tank.
- **Vitraglas® Lining**—Bradford White tanks are lined with a exclusively engineered enamel formula that provides superior protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **1" (25mm) Non-CFC Foam Insulation**—Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity (Except M-I-75 which has 1¼" (32mm) and M-I-100T which has 2" (51mm)).
- **Piezo Igniter**—Easy and quick lighting of the pilot burner by push button.
- **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.
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **Factory Installed Dielectric Waterway Fittings**—All heaters equipped with special water heater nipples for longer heater life.
- **"Snap-Lock" Draft Diverter.**
- **Exclusive "Slider" Combustion Chamber Door**—(Except 75 and 100 gallon (284 and 379 liter) models).
- **Side Tappings (For Space Heating)**—Standard on 75 (284 liter) and 100 gallon (379 liter) models only.
- **Hand hole Cleanout**—Standard on 100 gallon (379 liter) models only.
- **T&P Relief Valve**—Included.
- **Brass Drain Valve**—Tamper proof design.
- **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. Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

Residential Upright Gas Water Heater

Energy Saver Models

1" Non-CFC Foam Insulation (except where noted) C.E.C. Listed
76% Recovery Efficiency • (M-I-100 has an 80% Recovery Efficiency)

NATURAL GAS

Model Number	Imp. Gal. Cap.	U.S. Gal. Cap.	Liters	Nat. & LP BTU Input	KW Input	Recovery 90°F/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
						Imp. GPH	U.S. GPH	Liters/Hour	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
M-I-30T6BN•	25	30	114	32,000	9.4	27	33	125	59%	1505	16	406	3	76	50%	1289	14	356	57%	1429	102 46
M-I-30S6BN	25	30	114	30,000	8.8	26	31	117	48%	1226	18	457	3	76	39%	1010	14	356	46%	1150	98 44
M-I-303T6BN•	24	29	110	40,000	11.7	34	41	155	59%	1505	16	406	3	76	50%	1289	14	356	57%	1429	102 46
M-I-40T6BN ^(LP) •	33	40	151	40,000	11.7	34	41	155	59%	1511	18	457	3	76	50%	1289	14	356	56%	1409	116 53
M-I-403S6BN•	33	40	151	40,000	11.7	34	41	155	51	1295	20	508	3	76	42	1067	14	356	48	1194	131 59
M-I-404T6BN•	33	40	151	50,000	14.7	42	51	193	61½	1562	18	457	4	102	52½	1334	14	356	58½	1461	123 56
M-I-5036BN•	42	50	189	40,000	11.7	34	41	155	60%	1530	20	508	3	76	50%	1289	14	356	57%	1428	149 68
M-I-50L6BN ^(LP)	40	48	182	40,000	11.7	34	41	155	51	1295	22	559	3	76	41½	1054	14	356	48	1194	148 67
M-I-504S6BN•	42	50	189	50,000	14.7	42	51	193	60%	1530	20	508	4	102	50%	1289	14	356	57%	1428	144 68
M-I-75S6BN	62	75	284	76,000	22.0	63	78	288	63%	1619	24%	622	4	102	53	1346	16	406	60%	1518	264 120
M-I-100T6BN	83	100	379	85,000	24.9	79	92	360	68½	1745	28%	718	4	102	59%	1507	15%	397	65½	1651	428 194

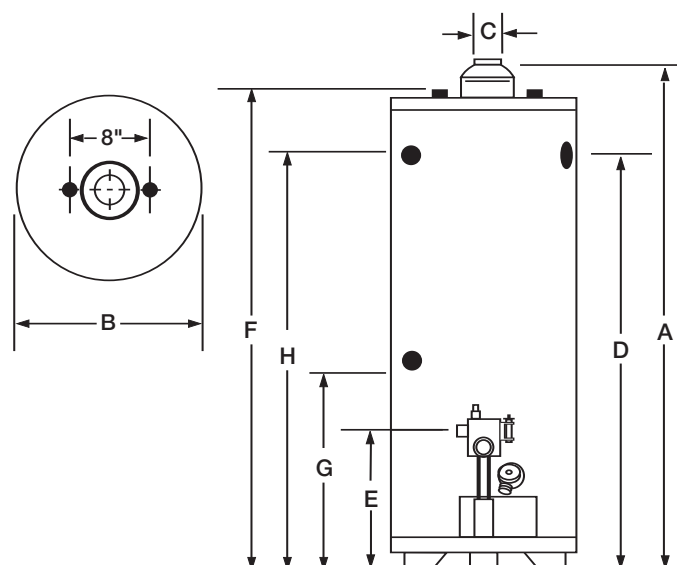
"G" Floor to space heating return for M-I-75S6BN 17"/451mm. • M-I-100T6BN 17"/450mm.

"H" Floor to space heating outlet for M-I-75S6BN 53"/1346mm. • M-I-100T6BN 50"/1295mm.

All Propane models are equipped with a cast iron burner.

To order an LP model change suffix "BN" to "CX"

^(LP) Propane Gas Inputs		Recovery at 50°C Rise and 90°F Rise		
		Imp. GPH	U.S. GPH	Liters/Hr.
M-I-40T6SX	38,000 BTU/H 11.1 KW	32	39	148
M-I-50L6SX	38,000 BTU/H 11.1 KW	32	39	148



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.

Meets NAECA requirements. • All Natural Gas models meet SCAQMD requirements.

General

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All water connections are 3/4" (19mm.) NPT on 8" (203mm) centers. The 75 gallon model (284 liters) has 1" (25mm.) NPT on 11" (279mm.) centers and 100 gallon model (379 liters) has 1 1/4" (32mm.) water connections on 16" (406mm.) centers.

All gas connections are 1/2" (13mm.). All models design certified by CSA International (formerly AGA/CGA) and peak performance rated. For "10" year models, change suffix number "6" to "10".

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



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

BRADFORD WHITE-CANADA INC. Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / www.bradfordwhite.com

Built to be the Best™

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