



# BRADFORD WHITE®

## Residential Energy Saver Gas-Upright



### Features:



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

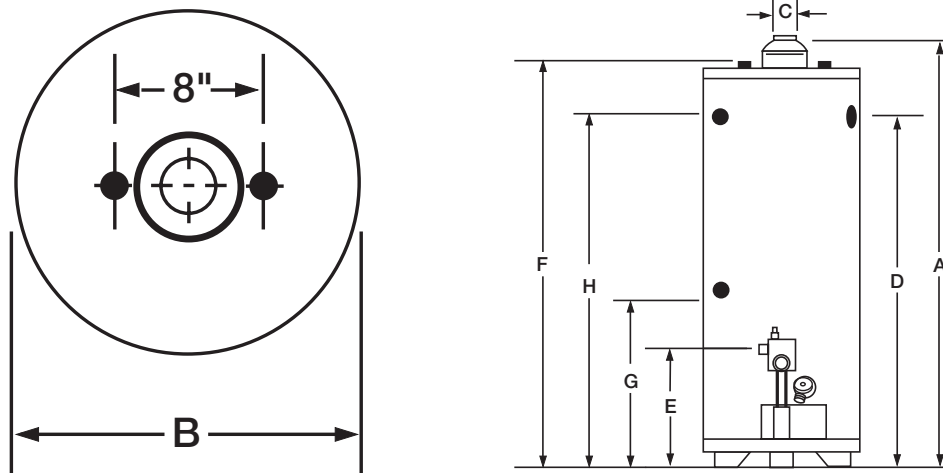
- **1" Non-CFC foam insulation**—surrounds the tank surface, saving energy by retarding loss of heat. (except M-I-75 1¼" and M-I-100T 2").
- **Flue baffle**—designed to maximize the amount of heat absorbed in the lower portion of tank. Minimizes air movement in the heater during standby periods to retard 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 hot water tanks.
- **Protective magnesium 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. (100 gallon models come equipped with the Hydrojet Sediment Reduction System.)
- **Factory installed dielectric waterway fittings**—all heaters equipped with special water heater nipples for longer heater life.
- **Brass drain valve.**
- **"Snap-Lock" draft diverter.**
- **T&P relief valve included.**
- **Exclusive "Slider" combustion chamber door** [except 75 and 100 gallon (284 and 379 liter) models].
- **Side tapplings (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.
- **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)**

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 Gas-Upright

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



## Energy Saver Models <sup>1</sup> Non-CFC Foam Insulation (except where noted) G.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.	Lbs.	Kg.
M-I-30T6BN•	25	30	114	32,000	9.4	27	33	125	59¼	1505	16	406	3	76	50%	1289	14	356	57¼	1429	102	46
M-I-30S6BN	25	30	114	30,000	8.8	26	31	117	48¾	1226	18	457	3	76	39%	1010	14	356	46¾	1150	98	44
M-I-303T6BN•	24	29	110	40,000	11.7	34	41	155	59¼	1505	16	406	3	76	50%	1289	14	356	57¼	1429	102	46
M-I-40T6BN <sup>(LP)</sup> •	33	40	151	40,000	11.7	34	41	155	59½	1511	18	457	3	76	50%	1289	14	356	56½	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-503S6BN•	42	50	189	40,000	11.7	34	41	155	60¼	1530	20	508	3	76	50%	1289	14	356	57¼	1428	149	68
M-I-50L6BN <sup>(LP)</sup>	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	60¼	1530	20	508	4	102	50%	1289	14	356	57¼	1428	144	68
M-I-75S6BN	62	75	284	76,000	22.0	63	78	288	63¾	1649	24¼	622	4	102	53	1346	16	406	60¾	1518	264	120
M-I-100T6BN	83	100	379	85,000	24.9	79	92	360	68½	1745	28¾	718	4	102	59½	1507	15½	397	65½	1651	428	194

"G" Floor to space heating return for M-I-75S6BN 17¾/451mm • M-I-100T6BN 17¾/450mm

"H" Floor to space heating outlet for M-I-75S6BN 53/1346mm • M-I-100T6BN 50¾/1295mm

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

### 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 ½" (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 1½" (32mm) water connections on 16" (406mm) centers. All gas connections are ½" (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.

### 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. See complete copy of the warranty included with this product. Indicated warranties apply to USA, Canada and Puerto Rico installations.

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	Recovery at 50°C Rise and 90°F Rise		
	Imp. GPH	U.S. GPH	Liters/Hr.
M-I-40T6CX	38,000 BTU/H	11.1 KW	32 39 148
M-I-50L6CX	38,000 BTU/H	11.1 KW	32 39 148

**BRADFORD WHITE**  
CORPORATION  
Ambler, PA

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800-532-4020  
Fax/215-641-1670

Service/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  
bradfordwhite.com

**BRADFORD WHITE-CANADA** INC.  
Mississauga, ON

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