



Commercial Light Duty	50T-65
Energy Saver Gas—Models	65T-65
	75T-80
	100T-88

Features:



Bradford White is ISO registered to the 9001 - standard.

- 50T65 and 65T65 meet 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.** (Except 65T-65; 1")
- **Vitraglas® lined tank**—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 water heater tanks, which must withstand the wearing effects of high volume and high temperature hot water.
- **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 the efficiency and delivery of hot water while minimizing temperature build up at top of tank. (100T-88 features Hydrojet® Sediment Reduction System.)
- **Controls**—adjustable thermostat to any temperature up to 180°F (82°C). An auto-reset Energy Cut-Off (ECO) shuts off all gas in the event of an overheat condition. Not recommended for 180°F sanitizing.
- **Side connections**—for space heating.
- **100, 75, 65, 48 gallon (379, 284, 246 and 182 liter) capacities**
- **NSF construction available.**
- **Brass drain valve.**

The Bradford White Defender Safety System™ Models (50 Gallon Model) Feature:

- **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.
- **Three year 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 all shipping and reinstallation costs.) Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.
- **One year limited parts warranty**—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 reinstallation costs.)
- **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; 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, 2,092,105.



Commercial Light Duty

Energy Saver

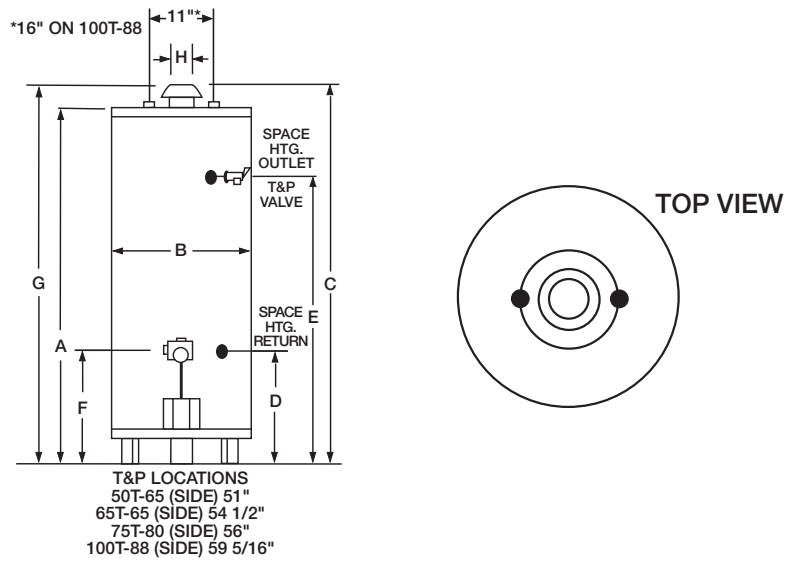
Gas-Models

50T-65

65T-65

75T-80

100T-88



LIGHT DUTY ENERGY SAVER MODELS T&P valve factory installed.

0	V	●	▲	★	MODEL NUMBER	NAT & LP INPUT BTU	1ST HR. DEL. GAL.	RECOVERY GPH AT DEGREE RISE			STG. CAP. US. GAL.	DIMENSIONS IN INCHES										WEIGHT
								40°	100°	140°		A HT.	B DIA.	C TOP WTR. CONN.	D FL. TO SPACE HTG. RET.	E FL. TO SPACE HTG. OUT.	F GAS CONN.	G TOP VENT HT.	H VENT DIA.	WTR. CONN. DIA.	GAS CONN. DIA.	
					★ 50T-65FB-3N ^(LP)	65,000	100	150	60	43	48	56 1/4	22	57	13 1/2	50	13	59 1/2	4	3/4	1/2	164
					★ 65T-65B-3N	65,000	122	150	60	43	65	61 1/2	22	62 1/2	14 1/4	54 1/4	14	64 1/2	4	3/4	1/2	202
0				▲	★ 75T-80B-3N	76,000	130	185	74	53	75	60 3/4	26	61 1/4	17 3/4	53	16 1/2	63 3/4	4	1	1/2	294
				▲	★ 100T-88B-3N	85,000	155	205	82	59	100	65 1/2	28 1/4	67 3/4	17 3/4	50 3/4	15 3/4	68 3/4	4	1 1/4	1/2	420

0	V	●	▲	★	MODEL NUMBER	NAT & LP INPUT KW	1ST HR. DEL. LTR.	RECOVERY LPH AT DEGREE RISE			STG. CAP. LTR.	DIMENSIONS IN MILLIMETERS										WEI GHT
								22°	56°	78°		A HT.	B DIA.	C TOP WTR. CONN.	D FL. TO SPACE HTG. RET.	E FL. TO SPACE HTG. OUT.	F GAS CONN.	G TOP VENT HT.	H VENT DIA.	WTR. CONN. DIA.	GAS CONN. DIA.	
					★ 50T-65FB-3N ^(LP)	19.1	379	568	227	163	182	1429	559	1448	343	1270	330	1550	102	19	13	74
					★ 65T-65B-3N	19.1	462	568	227	163	246	1543	559	1562	368	1384	356	1638	102	19	13	92
0				▲	★ 75T-80B-3N	22.2	492	700	280	200	284	1530	660	1556	451	1346	419	1619	102	25	13	133
				▲	★ 100T-88B-3N	25.0	587	776	310	223	279	1654	718	1718	448	1286	397	1743	102	32	13	191

For LP models change "N" to "X" and remove "B" from model number.

V - 115V A.C. Required

● - Spark Ignition

▲ - 80% Thermal Efficient

★ - Listed with California Energy Commission

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.

These models meet or exceed the Thermal Efficiency and Standby Loss Requirements of ASHRAE 90.1b (current standard). **The Bradford White Safety System™ Defender 50 gallon model meets ANSI Standard Z21.10.1a**

All models are design certified by CSA International (formerly AGA/CGA) for up to 180°F (82°C) application as an Automatic Storage Heater, and an Automatic Circulating Tank Heater.

As an Automatic Storage Heater, all models are complete self-contained water heating systems. It needs no separate storage tank, pump, wiring or elaborate piping network. These models can be used either as a single unit or in multiples connected in parallel.

Sample Specification

The water heater shall be a Bradford White model with a storage capacity of not less than _____ gallons (liters), a minimum gas input of _____ BTUH (KWH), and a minimum recovery of _____ GPH (LPH) at 100°F (56°C) temperature rise. It shall be design certified by CSA International (formerly AGA/CGA) for up to 180°F (82°C) application, either with or without a separate storage tank. The tank shall be lined with Vitraglas® vitreous enamel. The tank shall have at least one extruded magnesium anode rod. The entire installation shall be made in compliance with state and local codes and ordinances.

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

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0 - Available with optional Hand Hole Cleanout
 Hand Hole Cleanout standard on 100T-88
 T&P Relief Valve Installed

Recoveries and First Hour Delivery Rating are based on Thermal Efficiencies ranging up to 80%. Thermal Efficiency in compliance with (AGA) ANSI Z-21 requirements.

150 PSI (1034 kPa) Working Pressure, 300 PSI (2068 kPa) Test Pressure.

^(LP) LP Gas Inputs		1ST HR. DEL. GAL./LTR.	RECOVERY at 56°C RISE and 100°F RISE IMP GPH US GPH LITERS/HR
50T-65F-3X	61,000 BTU/H 17.9KW	100/348	49 59 233



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
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 For Everything Hot Water**