

Light Duty Commercial Atmospheric Vent High Input Energy Saver Gas Water Heater



Photo is of
100T-88B-3N

The Light Duty High Input Atmospheric Vent Models Feature:

- **Millivolt Powered Control**—The thermopile system converts heat energy from the pilot flame into electrical energy to operate the control system. No need for external electricity.
- **Piezo Igniter**—Easy push button allows pilot to be lit without opening inner chamber door. To help determine when pilot is lit, the LED display starts blinking green.
- **Self Diagnostic Gas Control Valve**—Integrated, immersion gas control valve offers precise temperature control for uniformity of tank set temperature. An LED display aids in trouble-shooting and start-up diagnostic codes. Adjustable thermostat up to 180°F.
- **Separate Water Temperature Well**—Integrated design incorporates a thermowell that provides isolation between a temperature sensor and the surrounding water. There is no need to drain the tank when removing gas valve.
- **Pedestal Base**—Rugged and durable base allows easy transport and positioning, while providing corrosion resistant contact with floor (75T-80 model only).
- **Factory Installed Hydrojet 2™ Total Performance System**—Cold water inlet sediment reducing device helps prevent sediment build up in tank and increases first hour delivery of hot water.
- **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 at temperature of over 1600°F.
- **Side Connections**—3/4" NPT tappings that allow easy connections for space heating applications (potable water only).
- **2" 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.
- **Water Connections**—Factory installed true dielectric fittings extend water heater life and eases installation (75T has 1" NPT and 100T has 1¼" NPT).
- **Hand Hole Cleanout**—Allows inspection of tank interior and facilitates the removal of sediment deposits (optional on 75T-80 models).
- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long trouble-free service.
- **"Snap Lock" Draft Diverter.**
- **Flue Baffle**—Maximizes the amount of heat absorbed by the tank and reduces heat loss during standby periods.
- **Steel Tank**—Heavy gauge steel automatically formed, rolled and welded.
- **T&P Relief Valve**—Installed.
- **Brass Drain Valve**—Tamper proof.
- **Design Certified by CSA International (formerly AGA and CGA).**



3 or 5-Year Limited Tank Warranties / 1-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.

Commercial Atmospheric Vent Gas Water Heater

Light Duty High Input Energy Saver Models

NATURAL GAS AND LIQUID PROPANE GAS

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed
80% Recovery Efficiency

Model Number	Capacity				Recovery 100°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 Space Heating Inlet in.	G Floor to Space Heating Outlet in.	H Floor to Water Conn.	K Depth	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	in.	in.	in.	in.	in.	in.	in.	in.	in.	lbs.
75T-80B-3N	75	63	76,000	76,000	74	62	74	62	62%	26	4	51%	15	16%	51%	60%	28%	247
100T-88B-3N	100	83	85,000	88,000	82	69	85	71	68 ¹ / ₆	28 ¹ / ₆	4	59 ¹ / ₆	15%	17%	50%	69 ¹ / ₆	32 ¹ / ₄	420

Model Number	Capacity				Recovery 56°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 Space Heating Inlet mm.	G Floor to Space Heating Outlet mm.	H Floor to Water Conn.	K Depth	Approx. Shipping Weight
	Liters		Nat. kW Input	LP kW Input	Nat. Liters/Hour	LP Liters/Hour			mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	kg.
75T-80B-3N	284		22.3	22.3	280	280			1575	660	102	1321	381	432	1321	1549	718	112
100T-88B-3N	379		24.9	25.7	310	322			1745	718	102	1507	397	448	1286	1651	797	191

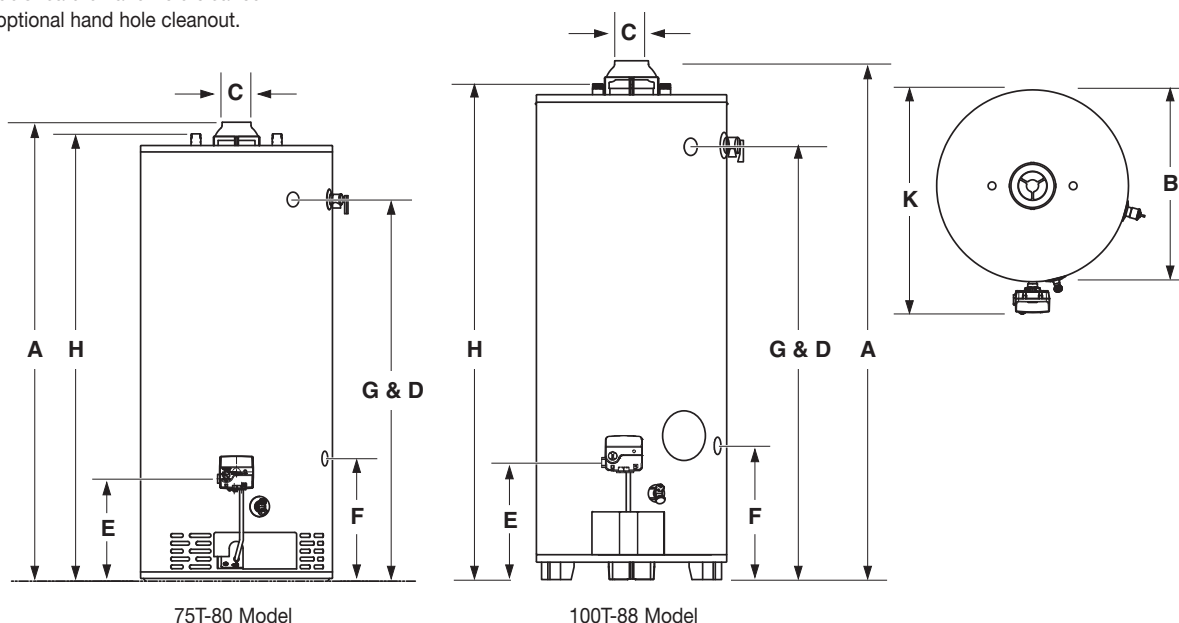
Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix "B" to "S" and "N" to "X".

For 5 year models, change suffix from "3" to "5".

*Based on manufacturers rated recovery efficiency.

100T models feature hand hole cleanout.

75T has optional hand hole cleanout.



Meets NAECA Requirements

General

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). 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), ANSI standard Z-21.10.3 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.

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.



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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