

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



Photo is of  
100T-88B-3N

## The Atmospheric Vent Models Feature:

- **Bradford White ICON System™**—Intelligent gas control with proven millivolt powered technology and built-in piezo igniter. A standard, off the shelf thermopile converts heat energy from the pilot flame into electrical energy to operate the gas valve and microprocessor. No need for external electricity.
  - **Enhanced Performance**—Proprietary algorithms provide enhanced First Hour Delivery ratings and tighter temperature differentials.
  - **Advanced Temperature Control System**—Microprocessor constantly monitors and controls burner operation to maintain consistent and accurate water temperature levels (up to 180°F).
  - **Intelligent Diagnostics**—An exclusive green LED light prompts the installer during start-up and provides ten different diagnostic codes to assist in troubleshooting.
  - **Pilot On Indication**—Flashing green LED provides positive indication that pilot is on.
  - **Separate Immersed Thermowell**—High strength advanced polymer composite thermowell provides isolation between electric temperature sensor and surrounding water. No need to drain the tank when removing gas valve.
- **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 a temperature of over 1600°F.
- **Side Connections**—3/4" NPT tapings 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.
- **Pedestal Base.**
- **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 models).
- **Protective Magnesium Anode Rod.**
- **4" "Snap Lock" Draft Diverter.**
- **T&P Relief Valve**—Installed.
- **Low Restriction Brass Drain Valve**—Durable tamper proof design.

## FEATURING:



## 3 or 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://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.

# 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	B	C	D	E	F	G	H	K	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	Floor to Flue Conn. in.	Jacket Dia. in.	Vent Size in.	Floor to T&P Conn. in.	Floor to Gas Conn. in.	Floor to Space Heating Inlet in.	Floor to Space Heating Outlet in.	Floor to Water Conn. in.	Depth in.	lbs.
75T-80B-3N	75	63	76,000	76,000	74	62	74	62	62%	26	4	51 3/4	15	16%	51 3/4	60%	28 3/4	247
100T-88B-3N	100	83	85,000	88,000	82	69	85	71	68 1/8%	28 1/4	4	59 3/8	15%	17%	50%	69 1/8	32 1/4	420

Model Number	Capacity				Recovery 56°C Rise*				A	B	C	D	E	F	G	H	K	Approx. Shipping Weight
	Liters		Nat. kW Input	LP kW Input	Nat. Liters/Hour	LP Liters/Hour			Floor to Flue Conn. mm.	Jacket Dia. mm.	Vent Size mm.	Floor to T&P Conn. mm.	Floor to Gas Conn. mm.	Floor to Space Heating Inlet mm.	Floor to Space Heating Outlet mm.	Floor to Water Conn. mm.	Depth 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

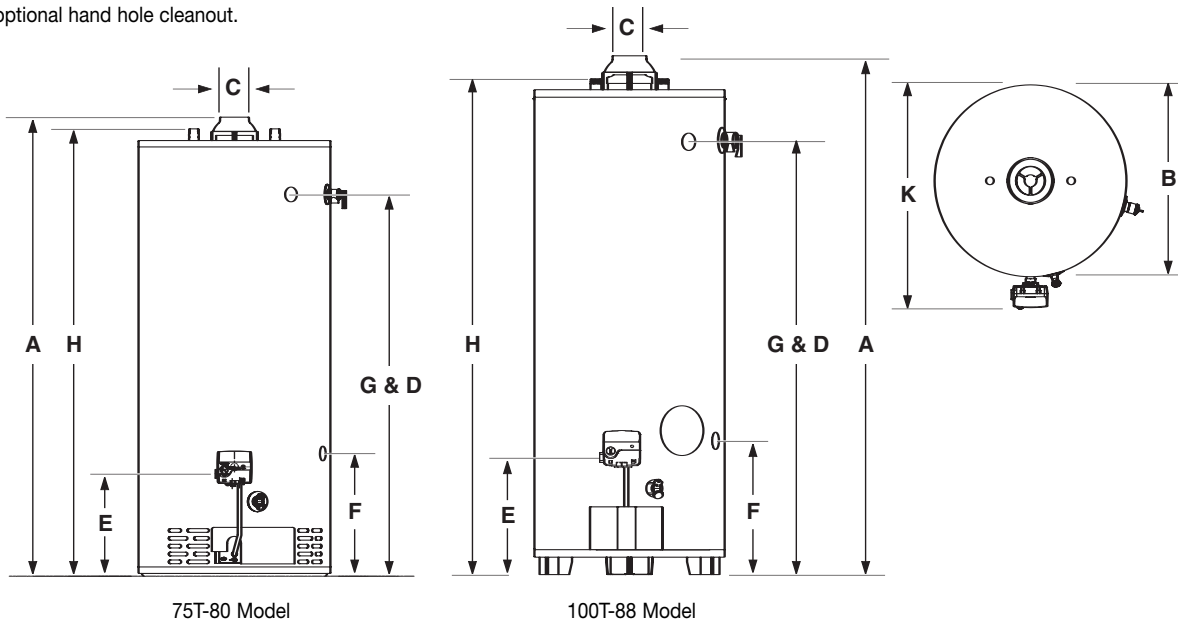
Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix "B" to "S" and "N" to "X".

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) water connections on 11" (279mm) centers and 100 gallon model (379 liters) has 1 1/2" (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.

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