



Commercial Light Duty Energy Saver Gas Power Direct Vent Water Heater

Features:

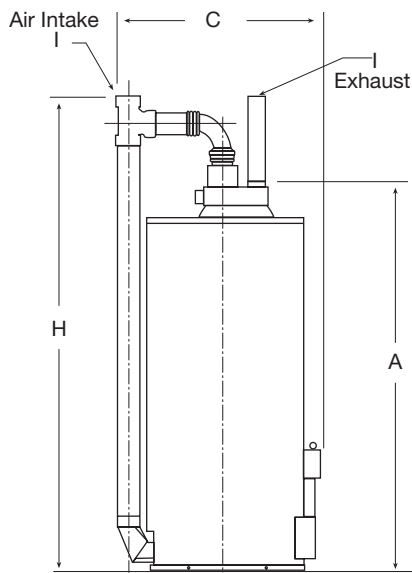


Bradford White is ISO registered to the 9001 standard.

- **Electronic ignition system**—electronic ignition eliminates the constant burning pilot used on other water heaters. This device results in savings of pilot gas during standby periods. (115V AC required to heater) Ignition system operates off of 24 volts.
- **3" PVC, ABS & CPVC (76mm) vent**—the water heater can be vented horizontally or vertically with 3" (76 mm) PVC, ABS & CPVC for lengths up to 25 feet (7.6 m) with (3) 90° elbows. (40 equivalent feet) (12.1 m).
- **4" PVC, ABS & CPVC (102mm) vent**—the water heater can be vented horizontally or vertically with 4" (102mm) PVC, ABS & CPVC for lengths up to 60 feet (18m) with (3) 90° elbows. (75 equivalent feet) (23m).
- **Venting System**—Power Direct Vent closed combustion unit utilizes external air for combustion and exhausts directly to the outside through a separate two-pipe system. Can be vented unbalanced up to 20 feet.
- **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 our hot water tanks.
- **Side connections**—for space heating.
- **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.
- **Factory installed dielectric waterway fittings**—all heaters equipped with special water heater nipples for longer life. No special dielectric fittings to buy.
- **2" Non-CFC foam insulation (65 gallon model has 1" Non-CFC foam)**—covers the sides and top of tank to save energy by retarding loss of heat. Also increases jacket rigidity.
- **Fully automatic controls**—fast acting surface-mount thermostat for automatic temperature control. Built-in energy cut-off switch prevents abnormally high water temperature for extra safety. Combination gas valve/electronic module has built-in gas pressure regulation and electronic circuit controls. Ignition system operates off of 24 volts.
- **Brass drain valve.**
- **T&P relief valve installed.**
- **Flue baffle**—designed to maximize the amount of heat absorbed in the lower portion of tank. Reduces air movement in the heater during standby periods to retard heat loss up the flue.
- **Three year limited warranty on steel tank**—heavy gauge steel automatically formed, rolled and welded to assure a continuous seam for glass lining.
- **One year limited warranty on parts.**
- **Design certified by CSA International. (formerly AGA and 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.





Light Duty Power Direct Vent

Energy Saver Models

Meet or exceed ASHRAE 90.1b (current edition). CEC Listed

NATURAL GAS						Recovery 50°C. Rise/ 100°F. Rise*			A Height to Exhaust Outlet	B	C	D	E	F	G	H	Exhaust/Air Intake Dia.	J	Approx. Shipping Weight		
Model Number	Imp. Gal. Cap.	U.S. Gal. Cap.	BTU Liters	KW Input	KW Input	Imp. GPH	U.S. Liters/ GPH	Hr	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	In. mm	lbs. kg		
PDX-50S-60B-3N	40	48	182	60,000	17.6	48	58	220	65% 1664	22	559	30% 775	59% 1518	52% 1327	15% 400	17% 451	79% 2019	3	52% 1327	212	96
PDX-65S-65B-3N ^(1P)	54	65	246	65,000	19.1	52	63	238	68% 1746	22	559	31% 800	62% 1594	56 1422	15% 400	17% 451	82% 2089	3	56 1422	246	112
PDX-75S-70B-3N	62	75	284	70,000	22.0	57	68	257	68 1727	26	660	34% 876	62% 1588	54% 1378	19 483	20% 521	82% 2096	3	54% 1378	301	137

All propane heaters are equipped with a cast iron burner.

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

*Based on manufacturers rated recovery efficiency.

⁽¹⁾ Propane Gas Inputs

PDX-65S-65-3X	17.6KW	60,000 BTU/H	104/394	RECOVERY @ DEGREE RISE GPH/LPH		
				22°C/40°F	56°C/100°F	78°C/140°F
				549/145	220/58	155/41

110 V.A.C. Required for Power Venting

110 V.A.C. 60HZ 2.1 Amperes

MAXIMUM HORIZONTAL OR VERTICAL VENT*

3" PVC, ABS & CPVC (76mm)† 4" PVC ABS & CPVC (102mm)†
25 ft. (7.6 m) 60 ft. (18 m)

(3) 90° elbows

† Note: For high altitude installation, consult installation instructions

Meets NAECA 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" NPT (19mm) on 11" (279mm) centers, all gas connections 1/2" (13mm). All models design certified by CSA International (formerly AGA/CGA) and peak performance rated.

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

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.

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.

* The vent distances displayed are for one section of the venting system. Allows for 25 feet with 3 elbows for the exhaust section and 25 feet with 3 elbows for the air intake section. For further details refer to installation instructions.

BRADFORD WHITE
CORPORATION
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

Fax on Demand:
888-538-7833

www.bradfordwhite.com

BRADFORD WHITE-CANADA INC.
Mississauga, ON

Sales/866-690-0961
905-238-0100

Fax/905-238-0105

Technical Support/800-334-3393
www.bradfordwhitecanada.com

Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.

©2004, Bradford White Corporation. All rights reserved.