Residential Power Vent Gas Water Heater

The TTW® Models Feature:

■ ENERGY STAR® Qualified—Some models qualify for the September 1, 2010 minimum ENERGY STAR® EF requirement, as well as most utility rebate programs.

■ Bradford White ICON System™—Intelligent gas control with spark to pilot ignition system eliminates the constant burning pilot. This results in savings of pilot gas during standby periods (120 V.A.C.).
  – 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.
  – Intelligent Diagnostics—An exclusive green LED light prompts the installer during start-up and provides ten different diagnostic codes to assist in troubleshooting.

■ Power Vented Water Heater—Designed for installations where atmospheric units cannot be used. Exhaust gases are vented under positive pressure directly out of the building through the roof or the wall.

■ Powerful Blower Motor—Our significantly quiet design has greater resistance to outside winds and the power to vent in many difficult venting situations.
  – Ten Foot Power Cord—Included (120 VAC).

■ Horizontal and Vertical Venting—PVC, ABS or CPVC (Maximum equivalent vent length on reverse side).

■ Advanced ScreenLok® Technology Flame Arrestor Design—Flame arrestor is designed to prevent ignition of flammable vapor outside of the water heater (excluding RG1PV55H6N & RG2PV75H6N).

■ Flammable Vapor Sensor—Electronic sensor prevents burner operation if flammable vapors are detected. The sensor will also prevent operation if there is ongoing flammable vapor burn inside the combustion chamber (excluding RG1PV55H6N & RG2PV75H6N).

■ Maintenance-Free—No regular cleaning of air inlet openings or flame arrestor is required under normal conditions (excluding RG1PV55H6N & RG2PV75H6N).

■ Sight Window—Offers a view into the combustion chamber to observe the operation of the pilot and burner.

■ Factory-Installed Hydrojet® Total Performance System—Sediment reducing device that also increases first hour delivery of hot water while minimizing temperature buildup in tank.

■ Vitraglas® Lining—An exclusively engineered enamel formula that provides superior tank 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 (871°C).

■ Insulation System—Non-CFC foam covers the sides and top of the tank, reducing heat loss. This results in less energy consumption, improved efficiencies, and jacket rigidity.

■ Water Connections—3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.

■ 3/4" (19mm) NPT Side Connections—(RG2PV50H6N, RG1PV55H6N, and RG2PV75H6N only).

■ Factory-Installed Heat Traps—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.

■ Protective Magnesium Rod—(RG1PV55H6N has 2).

■ T&P Relief Valve—Installed.

■ Thermostatic Mixing Valve (ASSE Approved)—Included (RG1PV55H6N only).

■ Low Restriction Brass Drain Valve—Durable tamper-proof design.

6 or 10-Year Limited Tank Warranties / 6 or 10-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

Defender Safety System®, ScreenLok®, TTW®, Vitraglas® and Hydrojet® are registered trademarks of Bradford White® Corporation.
## Residential Power Vent Gas Water Heater

### Power Vent Models

#### NATURAL GAS AND LIQUID PROPANE GAS

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†For high altitude installations, consult the installation instructions.

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<tr>
<th>Model Number</th>
<th>Capacity</th>
<th>Nat. kW Input</th>
<th>LP kW Input</th>
<th>1st Hour Rating (Liters)</th>
<th>Energy Factor</th>
<th>Nat. Liters/ Hour</th>
<th>LP Liters/ Hour</th>
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### ENERGY STAR® Qualified

- **Residential Power Vent Gas Water Heater**
- **Ambler, PA**
- **USA 40**
- **Capacity Recovery at Floor to Ceiling in ft**:
  - **RG1PV40S6N**: 51 or 76
  - **RG2PV40S6N**: 51 or 76
- **Energy Input**:
  - **RG1PV40S6N**: 76,000 BTU/Hr
  - **RG2PV40S6N**: 65,000 BTU/Hr
- **Shipping**:
  - **RG1PV40S6N**: N/A 103
  - **RG2PV40S6N**: N/A 103

Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix "N" to "X". For 10 models, change suffix from "6" to "0" (Not available on RG1PV55S6N). Based on manufacturer’s rated recovery efficiency. 120 VAC Required for Power Vents / 120 VAC 60Hz 3.1 Amperes. Energy Factor and First Hour Rating is based on the latest AHRI directory listings.

** = ENERGY STAR® Qualified.

### Technical Specifications

<table>
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<tr>
<th>Model Number</th>
<th>A Floor to Vent Conn. mm</th>
<th>B Jacket Dia. mm</th>
<th>C Vent Size mm</th>
<th>D Floor to T&amp;P Conn. mm</th>
<th>E Floor to Top of Heater mm</th>
<th>H C/L of Water Conn. mm</th>
<th>J Floor to Water Conn. mm</th>
<th>K Depth mm</th>
<th>L Floor to Space Heating Inlet mm</th>
<th>M Floor to Space Heating Outlet mm</th>
<th>Approx. Shipping Weight lbs</th>
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For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

**Built to be the Best™**

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