Residential Atmospheric Vent High Input
Gas Water Heater

The Atmospheric Vent High Input 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 Rating and tighter temperature differential.
  - **Advanced Temperature Control System**—Microprocessor controls burner operation for consistent and accurate water temperature levels up to 160°F (71°C).
  - **Intelligent Diagnostics**—Exclusive multicolor LED light indicates operation status/service required.

- **Factory-Installed Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up 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).

- **Side Connections**—3/4" (19mm) NPT tappings that allow easy connections for space heating applications (potable water only).

- **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.

- **Pedestal Base** (except RG2100H6N).

- **Water Connections**—Factory-installed true dielectric fittings extend water heater life and simplify water line connections.

- **Hand Hole Cleanout**—Allows inspection of tank interior and facilitates the removal of sediment deposits (RG2100H6N models only).

- **Protective Magnesium Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.

- **4" (107mm) “Snap Lock” Draft Diverter.**

- **T&P Relief Valve**—Installed.

- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.

- **Thermostatic Mixing Valve (ASSE Approved)**—Included with RG255H6N only.

- **NOx Emissions**—Less than 40 ng/J.

*May vary by region

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# Residential Atmospheric Vent High Input Gas Water Heater

**High Input Models**

**NATURAL GAS AND LIQUID PROPANE GAS**

Meet or exceed ASHRAE 90.1b (current standard) C.E.C. Listed

Recovery efficiency ranging up to 90%

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**Propane models feature a Titanium Stainless Steel propane burner. For Propane (LP) models change suffix “N” to “X”.**

For 10 year models, change suffix from “6” to “10” (Not available on RG255H6N).

* Based on manufacturer’s rated recovery efficiency.

Uniform Energy Factor and First Hour Rating is based on the latest AHRI directory listings.

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

- **Meets NAEEA or EPACT Requirements, as applicable.**
- All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All gas connections are 1/2" (13mm).
- All models design-certified by CSA International (formerly AGA/CGA), ANSI Z21.10.3 and peak performance rated (except RG250H6N = ANSI Z21.10.1).

**For field service, contact your professional installer or local Bradford White sales representative.**

Sales 800-523-2931 • Fax 215-641-1612

Technical Support 800-334-3393 • Email techserv@bradfordwhite.com

Warranty 800-531-2111 • Email warranty@bradfordwhite.com

International: Telephone 1-215-641-9400 • Email international@bradfordwhite.com / www.bradfordwhite.com

**Built to be the Best**

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