

# Light-Duty Ultra NOx Power Vent Commercial Gas Water Heater

## Features

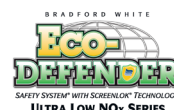
- **Eco-Defender Safety System®**—Designed to be the safest & most reliable flammable vapor ignition resistant system in the industry. Featuring an advanced ScreenLok® technology flame arrestor design, primary and secondary air distribution that reduces NOx generated by combustion, resettable thermal switch, sight window, and designed to be maintenance-free.
- **Bradford White ICON System®**— Intelligent gas control that eliminates constant burning pilot, saving gas during standby periods (120 VAC). Proprietary algorithms provide tighter temperature differential and consistent water temperature levels up to 180°F (82°C). LED light indicates pilot function or operation status/service required.
- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank.

## Additional Details

- **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 (3 meter) Power Cord—Included (120 VAC).
- **Horizontal and Vertical Venting**—PVC, ABS or CPVC (Maximum equivalent vent length on reverse side).
- **High Altitude Ready**—Water Heaters designed and certified for installations up to 10,100 feet (3078m) out of the box. No conversion kit required.
- **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.
- **Factory-Installed Heat Traps**—Design incorporates a flexible disk that reduces heat loss in piping and eliminates the potential for noise generation.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Pedestal Base**—Rugged and durable base allows easy transport and positioning while providing corrosion-resistant contact with floor.
- **T&P Relief Valve**—Installed.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **ULG2PV50H563N complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit), ULG2PV75H763N (14 ng/J NOx limit).**



Photo is of ULG2PV50H563N



### 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. Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

# Light-Duty Ultra NOx Power Vent

## Commercial Gas Water Heater



### SPECIFICATIONS

#### NATURAL GAS

These water heaters meet or exceed all or portions of (where applicable) the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition) C.E.C. Listed. 80% Recovery Efficiency.

Model Number	Rated Nominal Volume		DOE Rated Storage Volume	Input BTU/Hr.	First Hour Rating	Uniform Energy Factor	Recovery at 100°F Rise*		Model Number	Rated Nominal Volume		DOE Rated Storage Volume	Input kW	First Hour Rating	Uniform Energy Factor	Recovery at 56°C Rise*	
	U.S. Gal.	Imp. Gal.					U.S. GPH	Imp. GPH		Liters	Liters					Liters/Hour	
ULG2PV50H563N	48	40	46	56,000	107	0.68	54	54	ULG2PV50H563N	182	174	16.4	406	0.68		204	
ULG2PV75H763N	75	62	72	76,000	121	0.69	74	62	ULG2PV75H763N	284	273	22.3	459	0.69		280	

Model Number	A Floor to Top of Blower in.	B Jacket Dia. in.	C Vent Size in.	D Floor to T&P Conn. in.	E Floor to Gas Conn. in.	F Floor to Top of Heater in.	G Floor to Water Conn. in.	H Depth in.	J C/L of Water Conn. in.	K Floor to Space Heating Inlet in.	L Floor to Space Heating Outlet in.	M Water Conn. NPT in.	N Floor to Exhaust Vent in.	R Space Heating Conn. Size in.	S Gas Conn. Size in.	Approx. Shipping Weight lbs.
ULG2PV50H563N	64 <sup>7</sup> / <sub>16</sub>	22	3 or 4	49 <sup>13</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	56 <sup>5</sup> / <sub>8</sub>	58 <sup>7</sup> / <sub>8</sub>	28 <sup>5</sup> / <sub>16</sub>	11	13 <sup>5</sup> / <sub>16</sub>	49 <sup>13</sup> / <sub>16</sub>	3/4	61 <sup>1</sup> / <sub>16</sub>	3/4	1/2	190
ULG2PV75H763N	67 <sup>3</sup> / <sub>8</sub>	26	3 or 4	51 <sup>7</sup> / <sub>8</sub>	13 <sup>7</sup> / <sub>8</sub>	59 <sup>9</sup> / <sub>16</sub>	61 <sup>13</sup> / <sub>16</sub>	32 <sup>5</sup> / <sub>16</sub>	11	16 <sup>5</sup> / <sub>8</sub>	51 <sup>7</sup> / <sub>8</sub>	3/4	64	3/4	1/2	270

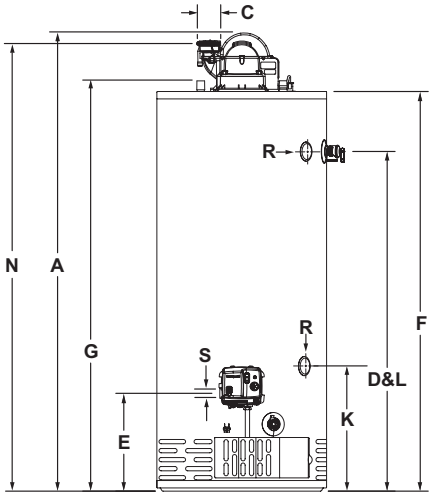
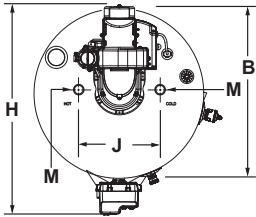
Model Number	A Floor to Top of Blower mm.	B Jacket Dia. mm.	C Vent Size mm.	D Floor to T&P Conn. mm.	E Floor to Gas Conn. mm.	F Floor to Top of Heater mm.	G Floor to Water Conn. mm.	H Depth mm.	J C/L of Water Conn. mm.	K Floor to Space Heating Inlet mm.	L Floor to Space Heating Outlet mm.	M Water Conn. NPT mm.	N Floor to Exhaust Vent mm.	R Space Heating Conn. Size mm.	S Gas Conn. Size mm.	Approx. Shipping Weight kg.
ULG2PV50H563N	1637	559	76 or 102	1265	352	1438	1495	719	279	338	1265	19	1551	19	13	86
ULG2PV75H763N	1711	660	76 or 102	1318	352	1513	1570	821	279	422	1318	19	1626	19	13	122

Available in Natural Gas only. For 5 year models, change suffix from “3” to “5”.  
\* Based on manufacturer’s rated recovery efficiency.  
120 VAC Required for Power Venting / 120 VAC, 60Hz., 3.1 Amperes.  
Uniform Energy Factor and First Hour Rating is based on the latest AHRI directory listings.

ULG2PV50H563N ULG2PV75H763N	3" Vent Pipe	4" Vent Pipe
Max. Equivalent Length	†75 ft.	†180 ft.
Min. Equivalent Length	7 ft.	15 ft.
Number of 90° Elbows	1 70 ft. 2 65 ft. 3 60 ft.	175 ft. 170 ft. 165 ft.

ULG2PV50H563N ULG2PV75H763N	76mm Vent Pipe	102mm Vent Pipe
Max. Equivalent Length	†23.0	†55.0m
Min. Equivalent Length	2.1m	4.6m
Number of 90° Elbows	1 21.3m 2 20.0m 3 18.3m	53.3m 52.0m 50.3m

† For high altitude installations, consult the installation instructions.



### 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 are 1/2" (13mm). All models design-certified by CSA International, ANSI standard Z21.10.3 and peak performance rated (LG2PV50H653N = ANSI Z21.10.1)  
**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.

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



Sales: 800-523-2931  
24/7 Technical Support: 800-334-3393 • Email TechServ@bradfordwhite.com

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