

Light-Duty Atmospheric Vent Ultra Low NOx Commercial Gas Water Heater

Features

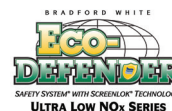
- **Eco-Defender Safety System®**—Designed to be the safest & most reliable flammable vapor ignition resistant system in the industry.
 - Features a primary and secondary air distribution that ensures proper air-to-gas ratio to reduce NOx generated by combustion.
- **Bradford White ICON System®**—Intelligent gas control with no need for external electricity. Proprietary algorithms provide tighter temperature differential and consistent water temperature levels up to 180°F (82°C). LED light indicates 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

- **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**—Rugged and durable base allows easy transport and positioning, while providing corrosion-resistant contact with floor (excludes ULG2100H803N).
- **Water Connections**—NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Protective Anode Rod**—Provides added protection against corrosion for longterm, trouble-free service.
- **Hand Hole Cleanout**—Allows inspection of tank interior and facilitates the removal of sediment deposits (ULG2100H803N models only).
- **4" (107mm) "Snap Lock" Draft Diverter.**
- **T&P Relief Valve**—Installed.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **Design Certified by CSA International.**
- **ULG250H553N complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit), ULG275H763N / ULG2100H803N (14 ng/J NOx limit).**



Photo is of ULG275H763N



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

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

For products installed in USA, Canada, and Puerto Rico. See complete copy of the warranty included with the heater for limitations.

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 Atmospheric Vent Ultra Low NOx Commercial Gas Water Heater

SPECIFICATIONS

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 Up to 79% Recovery Efficiency.

Model Number	Nominal Gal. Capacity		DOE Rated Storage Volume (Gal.)	Input BTU/Hr.	First Hour Rating (Gal.)	Uniform Energy Factor	Recovery at 100°F Rise*		Model Number	Nominal Liter Capacity	DOE Rated Storage Volume (Liters)	Input kW	First Hour Rating (Liters)	Uniform Energy Factor	Recovery at 56°C Rise*	
	U.S. Gal.	Imp. Gal.					U.S. GPH	Imp. GPH								Liters/ Hour
ULG250H553N	48	40	46	55,000	110	0.64	53	44	ULG250H553N	182	174	16.1	417	0.64		223
ULG275H763N	75	63	72	76,000	135	0.59	74	62	ULG275H763N	284	273	22.3	512	0.59		280
ULG2100H803N	100	83	95	80,000	157	0.57	78	65	ULG2100H803N	379	360	23.4	595	0.57		295

Model Number	A Floor to Flue Conn. 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.	R Space Heating Conn. Size in.	S Gas Conn. Size in.	Approx. Shipping Weight lbs.
ULG250H553N	60 1/2	22	4	49 13/16	11 3/8	56 5/8	58 7/8	26 1/2	11	13 5/16	49 13/16	3/4	3/4	1/2	193
ULG275H763N	64 3/4	26	4	53 5/16	15 1/16	60 3/8	61 15/16	29 9/16	11	16 5/8	53 5/16	1	1	1/2	263
ULG2100H803N	72 5/16	28 1/4	4	60 3/8	16 1/2	66 3/8	69 5/8	31 13/16	16	18 3/4	51 11/16	1 1/4	1 1/4	1/2	424

Model Number	A Floor to Flue Conn. 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.	R Space Heating Conn. Size mm.	S Gas Conn. Size mm.	Approx. Shipping Weight kg.
ULG250H553N	1537	559	102	1265	289	1438	1495	673	279	338	1265	19	19	13	88
ULG275H763N	1645	660	102	1354	383	1534	1573	751	279	422	1354	25	25	13	119
ULG2100H803N	1837	718	102	1534	419	1686	1768	808	406	476	1313	32	32	13	192

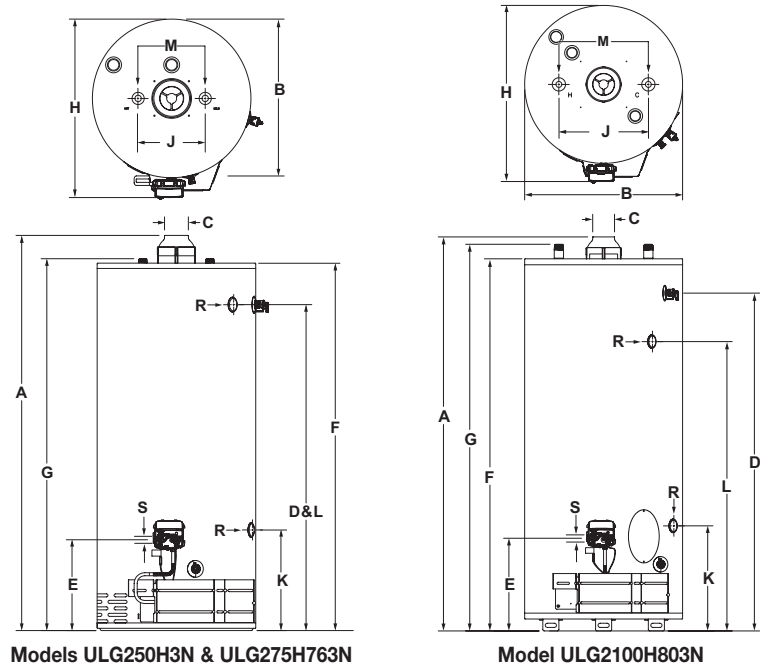
Available in Natural Gas only.

For 5 year models, change suffix from "3" to "5".

* Based on manufacturer's rated thermal efficiency.

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

NSF 5 Kits Available Except for ULG2100H.



GENERAL:

Meets NAECA Requirements.

All gas water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All gas connections 1/2" (13mm). All models design-certified by CSA International, ANSI standard Z21.10.3 and peak performance rated (ULG250H3N = 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 the potable side of this system. The potable side 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

Products made by Bradford White are manufactured in America using the finest materials and components from around the world. ©2025, Bradford White Corporation, USA. All rights reserved.

— BRADFORD WHITE IS —



1703-0525