

Ultra Low NOx Power Vent Residential Gas Water Heaters

Ultra Low NOx Power Vent Models

Lochinvar's Ultra Low NOx Power Vent residential gas models are available in 40 and 50 gallon capacities and feature a power vent system for sidewall or rooftop termination. The Ultra Low NOx Power Vent models meet 10 ng/j NOx requirement for the South Coast Air Quality Management District and at 0.68 Energy Factor, they qualify for ENERGY STAR[®].

Standard Features

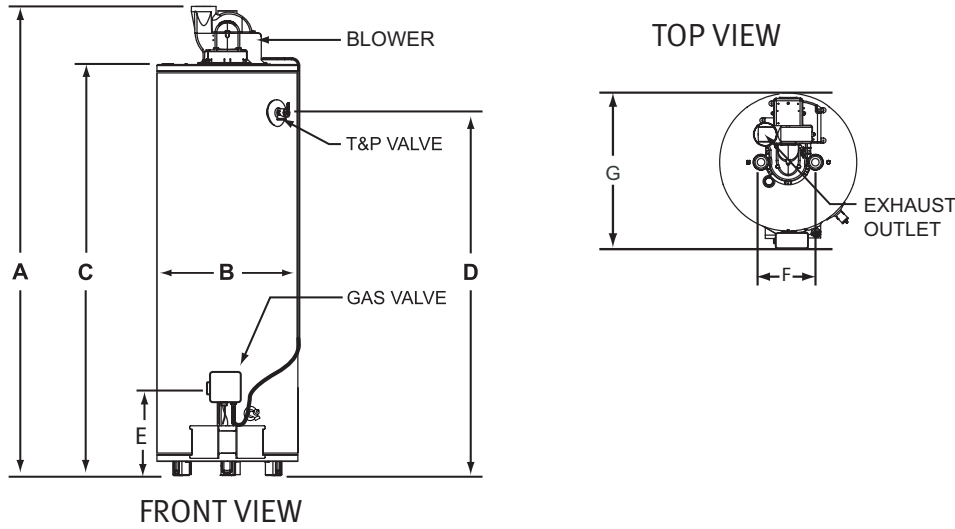
- **South Coast Approved** – The patented radial burner design reduces NOx emissions to 10 ng/j of NOx which complies with South Coast Rule 1121 for low NOx performance.
- **ENERGY STAR[®]** - The Ultra Low NOx Power Vent water heater meets the ENERGY STAR requirement with .68 Energy Factor and is eligible for most utility rebate programs.
- **Code Compliance** – Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended.
- **Power Venting** – A quiet and efficient blower provides power vent operation through 2" or 3" PVC or CPVC vent pipe and plug into a standard 110v/120v outlet with a 6 foot power cord.
- **Flammable Vapor Ignition Resistant** – Combustion air is directed through a stainless steel flame arrestor plate specifically designed to prevent flame rollout and flammable vapor ignition. The design includes a safety thermal switch and protection from lint, dust and oil buildup.
- **Electronic Gas Control** – The gas valve features electronic ignition, control logic for precise temperature control and an LED status indicator for simplified service diagnostics.
- **Glass-Lined Steel Tank** – The durable glass lining is fused to the steel tank at 1600°F to assure lasting protection against rust and corrosion while providing clear, clean hot water. 300 PSI test pressure; 150 PSI working pressure.
- **Non-CFC Foam Insulation** – A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention and delivers a high Energy Factor.
- **Tank Saver Anode** – A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** – Heat traps are built into the inlet and outlet connections to eliminate heat migration and heat loss in the water piping.
- **Sight Glass** – A built-in sight glass provides an unobstructed view of the burner and pilot flame.
- **Temperature & Pressure Relief Valve** – Factory installed for optimum safety.
- **Brass Drain Valve** – An enhanced ball valve design for effective drainage and positive shut-off.
- **6 Year Limited Tank & Parts Warranty*** – See warranty sheet for details.
- **10 Year Extended Warranty** – Available for residential applications only.

* 1-year limited tank & parts warranty when installed in a commercial application.



All models meet or exceed the Federal and ASHRAE Energy Efficiency Standards

Dimensions and Specifications



Model Number	Nominal Gal. Cap.	Rated Storage Cap.	Btu/Hr Input	UEF	1st Hr. Rating	GPH @ 90°F Rise	A	B	C	D	E	F	Gas Conn.	Water Conn.	Vent Size	Ship. Wi.
Ultra Low NOx Power Vented Models																
UPN040 40ES	40	38	42,000	0.70	76	43	67"	20"	58-3/4"	51-1/2"	12-1/4"	8"	1/2"	3/4"	2" or 3"	170
UPN050 40ES	50	48	42,000	0.65	71	43	65-3/4"	22"	57-1/2"	51"	12-1/4"	8"	1/2"	3/4"	2" or 3"	207

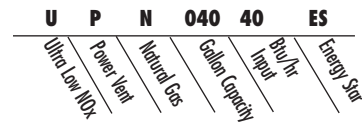
Note: Ultra Low NOx Power Vent models are available in Natural gas ONLY.

Certified for Potable Water and Space Heating Applications

This water heater is suitable for water heating and space heating. Toxic chemicals, such as those used for boiler water treatment shall NEVER be introduced into this system. This water heater may NEVER be connected to any existing heating system or components previously used with non-potable water heating appliances.

For Atmospheric Models, see the "Ultra-Low NOx Residential Gas Water Heaters" literature sheet.

FOR EASE IN ORDERING BY MODEL NUMBER



This is a residential power vent Ultra Low NOx natural gas 40 gallon water heater with 40,000 Btu/hr input. This unit is also Energy Star rated.



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