

## RESIDENTIAL GAS WATER HEATERS

*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.*

### ULTRA LOW NOX POWER VENT GAS MODELS

#### 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.

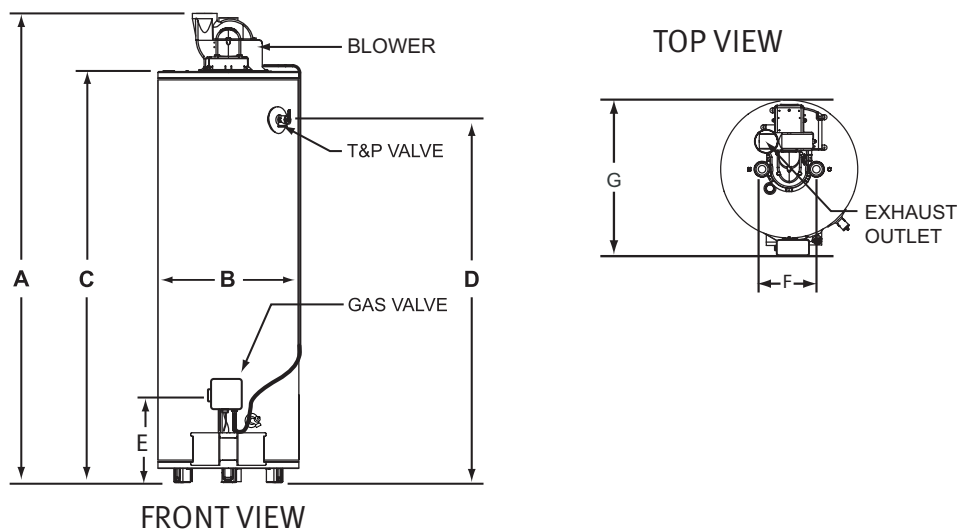
\* 1-year limited tank & parts warranty when installed in a commercial application.



DESIGNED ★ ENGINEERED ★ ASSEMBLED  
**USA**

 **Lochinvar®**  
HIGH EFFICIENCY BOILERS & WATER HEATERS

DIMENSIONS AND SPECIFICATIONS



Model Number	Gal. Storage Cap.	Rated Btu/Hr Cap.	Input	1st Hr. UEF	Rating	GPH @ 90°F Rise	A	B	C	D	E	F	Gas Conn.	Water Conn.	Vent Size	Ship. Wt.
<b>Ultra Low NOx Power Vented Models</b>																
UPN040 40ES	40	38	42,000	0.72	91	43	68"	20"	58-3/4"	51-1/2"	12-1/2"	8"	1/2"	3/4"	2" or 3"	152
UPN050 40ES	50	48	42,000	0.72	85	43	66-1/2"	22"	57-1/2"	51"	12-1/2"	8"	1/2"	3/4"	2" or 3"	163

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

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

FOR EASE IN ORDERING  
BY MODEL NUMBER

U	P	N	040	40	ES
Ultra Low NOx	Power Vent	Natural Gas	Gallon Capacity	Btu/hr Input	Energy Star

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.

For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.



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