

## RESIDENTIAL GAS WATER HEATERS

*Lochinvar's Ultra Low NOx residential gas models are available in 30, 40 and 50 gallon capacities in short and tall configurations. The Ultra Low NOx burner meets 10 ng/j NOx requirement for the South Coast Air Quality Management District.*

### ULTRA LOW NOX RESIDENTIAL GAS

#### 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.

**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.

**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 an internal microprocessor for precise temperature control, fast response and an LED status indicator for simplified service diagnostics. The valve is powered by a thermopile pilot requiring no external power source

**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.



DESIGNED ★ ENGINEERED ★ ASSEMBLED

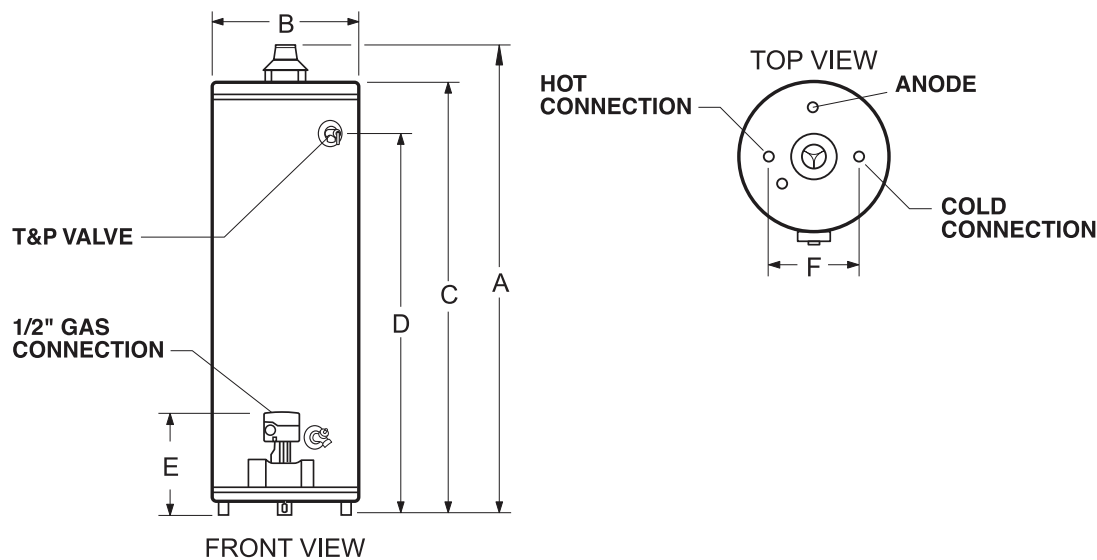
# USA



# Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

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. Size	Vent Wt.	Ship.
Ultra Low NOx - Short Models																
USN040 40	40	38	40,000	0.57	72	41	51-1/2"	22"	47-3/4"	41-1/4"	12"	8"	1/2"	3/4"	3" or 4"	138
Ultra Low NOx - Tall Models																
UTN030 30R	30	29	30,000	0.59	62	31	60"	17-3/4"	56-1/2"	49-1/4"	11-1/4"	8"	1/2"	3/4"	3" or 4"	126
UTN040 40R	40	38	40,000	0.64	81	41	62"	20"	58-1/4"	52"	12"	8"	1/2"	3/4"	3" or 4"	125
UTN050 40R	50	48	40,000	0.64	84	42	60-3/4"	22"	57-1/4"	50-1/2"	12"	8"	1/2"	3/4"	3" or 4"	148
UTN050 50	50	48	50,000	0.60	91	51	61"	22"	57-1/2"	50-1/2"	12-1/4"	8"	1/2"	3/4"	4"	177

Notes: Ultra Low NOx models are available in Natural Gas ONLY.

FOR EASE IN ORDERING  
BY MODEL NUMBER

U	T	N	030	30
Ultra Low NOx	Tall	Natural Gas	Gallon Capacity	Btu/hr Input

This is a tall residential Ultra Low NOx natural gas 30 gallon water heater with 33,000 Btu/hr input.

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



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