Ultra Low NOx Models

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.

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** – The Ultra Low NOx water heater meets the National Appliance Energy Conservation Act (NAECA) Energy Factor requirements effective April 16, 2015. Meets the thermal efficiency and standby loss requirements of ASHRAE/IES 90.1. Meets UBC, CEC and HUD national codes.

• **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.

All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards
Dimensions and Specifications

FOR EASE IN ORDERING

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