



Specialty Residential Gas Water Heaters

High Recovery, High Efficiency and Energy Star Models

Lochinvar's Residential Gas models are available in capacities of 30, 40, 50, 65, 75 & 100 gallons in tall and short configurations.

Standard Features

- **Flammable Vapor Ignition Resistant Compliant** - The corrosion resistant chamber redirects air through a stainless steel flame arrestor plate to prevent flame rollout and flammable vapor ignition. A resettable thermal switch shuts down the burner and pilot operation in the event of a flammable vapor ignition and also protects against lint, dust and oil buildup by shutting down when it detects significant air restriction.
- **Electronic Gas Control** - Each series of gas water heaters features a dedicated gas control valve. The High Recovery model and the High Efficiency models offer a gas control with Piezo Ignitor. The Piezo Ignitor provides easy pilot ignition with the push of a button. The Energy Star models offer electronic control valve with spark ignition.
- **Sight Glass** - Provides unobstructed view into the combustion chamber for observation of burner and pilot flames.
- **Low NOx Burner** - The patented burner design reduces NOx emissions by up to 33% with less than 40 ng/j of NOx.
- **Non-CFC Foam Insulation** - Superior material formulation proved uniform tank coverage with a thick blanket of insulating foam. This non-CFC polyurethane closed cell foam minimizes standby losses and maximizes heat retention.
- **Glass-Lined Steel Tank** - The durable glass lining is fused to the tank at 1600°F to assure lasting protection against rust and corrosion while providing clean, clear hot water. 300 psi test pressure provides 150 psi working pressure.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** - The heat trap protects from heat loss through the water piping.
- **Temperature & Pressure Relief Valve** - (Factory installed)
- **Brass Drain Valve**
- **6- Year Limited Tank & Parts Warranty*** – See warranty for details.
- **10-Year Extended Warranty Available** – Residential applications only.

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

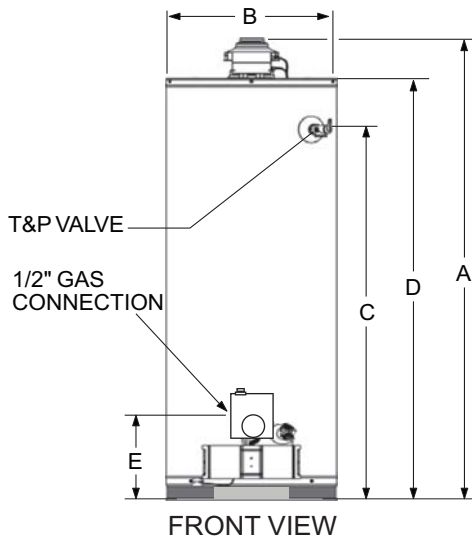


Energy Star Model

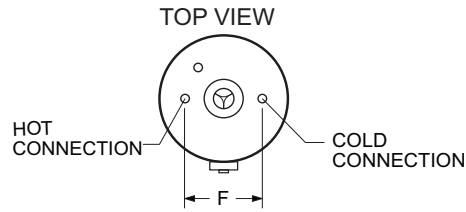
*High Recovery and
High Efficiency Models*

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

Dimensions and Specifications:



High Efficiency Model Shown



**FOR EASE IN ORDERING
BY MODEL NUMBER**

L	T	N	040	40	ES
Residential Gas	Tall	Natural Gas	Gallon Capacity	Input Rate	Energy Star

This is a tall residential natural gas 40 gallon water heater with 40,000 Btu/Hr input rate with Energy Star endorsement.

Model Number	Gal. Cap.	Nat. Gas Btu/Hr Input	LP Gas Btu/Hr Input	1st Hr. Rating	GPH@ 90° Rise	Energy Factor	A	B	C	D	E	F	Gas Conn.	Vent Size	Water Conn.	Ship. Wt.
High Recovery Models																
LTN040 50	40	50,000	45,000	75	51	0.60	61-3/4"	20"	51-3/4"	58-1/4"	13-1/4"	8"	1/2"	4"	3/4"	138
LTN050 50	48	50,000	45,000	90	51	0.58	61"	20"	50-1/2"	56-1/2"	13-1/2"	8"	1/2"	4"	3/4"	172
LTN050 65	50	65,000	62,500	93	67	0.58	64"	22"	54-1/4"	59-1/2"	15-1/2"	8"	1/2"	4"	3/4"	195
LTN065 65	65	65,000	55,000	116	67	0.57	65"	24"	54-1/4"	60"	15-1/2"	8"	1/2"	4"	3/4"	215
LTN075 75	74	75,100	75,100	N/A	81	N/A	61"	26-1/2"	50-1/4"	57"	14-3/4"	16"	1/2"	4"	1"	275
LTN100 75	98	75,100	75,100	N/A	81	N/A	68-1/2"	27-3/4"	57-1/2"	65"	15-1/4"	16"	1/2"	4"	1-1/4"	350
High Efficiency Models																
LSN040 40EF	40	40,000	36,000	67	41	0.62	51-1/2"	22"	41"	47-3/4"	13"	8"	1/2"	3" or 4"	3/4"	147
LTN030 35EF	30	35,500	32,000	67	36	0.62	61-1/2"	18"	52"	58"	13"	8"	1/2"	3" or 4"	3/4"	126
LTN040 40EF	40	40,000	36,000	70	41	0.62	61-3/4"	20"	51-3/4"	58-1/4"	13"	8"	1/2"	3" or 4"	3/4"	150
LTN050 40EF	50	40,000	37,000	88	41	0.62	61"	22"	50-1/4"	57-1/4"	13"	8"	1/2"	3" or 4"	3/4"	165
Energy Star Models																
LSN040 40ES	40	40,000	36,000	67	42	0.67	54"	22"	41"	47-3/4"	13"	8"	1/2"	3" or 4"	3/4"	149
LTN040 40ES	40	40,000	36,000	67	42	0.67	64-1/4"	20"	51-3/4"	58-1/4"	13"	8"	1/2"	3" or 4"	3/4"	152
LTN050 40ES	50	40,000	37,000	81	42	0.67	63-1/2"	22"	50-1/4"	57-1/4"	13"	8"	1/2"	3" or 4"	3/4"	167

Notes: "N" indicates Natural gas, replace "N" with "L" to indicate LP gas model.
Energy Star models receive an interlocking Flue Damper for higher Energy Factor.

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.



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