

Energy Saver Models

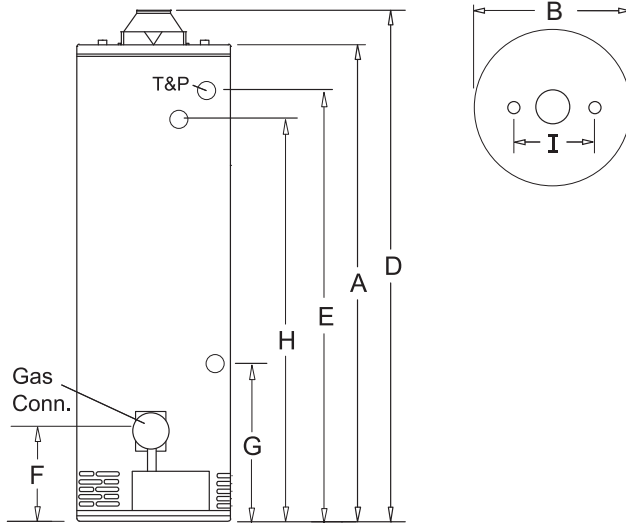
Lochinvar's Residential Gas models are available in capacities of 30, 40, 50, 65, 75 & 100 gallons in tall and short configurations. All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards.

Standard Features

- **Shield Flammable Vapor Ignition Resistant (FVIR) Combustion System**
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.
- **Piezo Ignitor** - provides easy pilot ignition with the push of a button (*Shield Combustion System models only*).
- **Sight Glass** - Provides unobstructed view into the combustion chamber for observation of burner and pilot flames (*Shield Combustion System models only*).
- **Low NOx Burner** - This whisper quiet, 360° burner incorporates aluminized steel into its die-formed design. The large burner diameter transfers more heat, while providing clean and efficient combustion. Satisfies local codes and emissions standards.
- **Non-CFC Foam Insulation** - Improved formulation provides 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 tank is automatically formed, rolled, and welded to ensure a continuous seam for the glass lining. The durable glass lining is fused to the interior of the tank at 1600°F to assure lasting protection against rust and corrosion while providing clean, clear hot water.
- **Magnesium Tank Saver Anode** - High capacity anode rod provides protection from the effects of electrolytic corrosion.
- **Adjustable Thermostat** - This accurate control provides an easy way to reset water temperature for best economy. Automatic over-heat safety device is standard.
- **Heat Traps*** - Factory installed, minimizes heat loss through piping.
* Heat traps **not** available on models ETN076 & ETN100
- **Dielectric Nipples** - Factory installed waterways protect the tank from the corrosive action between dissimilar metals, while providing piping convenience.
- **Side Connections for Space Heating** - select models are equipped with side tapings for space heating applications.
- **Temperature & Pressure Relief Valve**
- **Brass Drain Valve**
- **Warranty** - Six year limited tank warranty.
Six year warranty on parts. (see warranty for details)
Ten year limited tank warranty upgrade available.



Residential Gas Water Heater Dimensions and Specifications:



FOR EASE IN ORDERING BY MODEL NUMBER

L	S	N	030	G
Residential Gas	Short	Natural Gas	Gallon Capacity	FVIR & NAECA Compliant

This is a short residential natural gas 30 gallon water heater that meets NAECA energy efficiency standards.

Model Number	Natural Gas			LP Gas			Energy Factor	A	B	D	E	F	G	H	I	Water Conn.	Vent Size	Ship. Wt.
	Gal. Cap.	Input Btu/Hr	GPH @ 90°F Rise	Input Btu/Hr	GPH @ 90°F Rise	Rise												
Energy Saver Series - Short Models																		
LSN030G	30	30,000	31	26,000	27	0.61	45-3/4"	18"	48-1/2"	38-3/4"	13"	-	-	8"	3/4"	3"	100	
LSN041G	40	40,000	41	38,000	39	0.59	47-1/4"	20"	50"	41"	13"	-	-	8"	3/4"	3"	128	
Energy Saver Series - Tall Models																		
LTN030G	30	32,000	33	31,000	32	0.61	56-1/4"	16"	59-1/4"	49-3/4"	13"	-	-	8"	3/4"	3"	105	
LTN040G	40	34,000	35	34,000	35	0.59	56-1/2"	18"	59-1/2"	50"	13"	-	-	8"	3/4"	3"	120	
LTN041G	40	40,000	41	38,000	39	0.59	57-1/4"	18"	61"	50"	13"	-	-	8"	3/4"	3"	121	
LTN050G	50	40,000	42	36,000	38	0.58	57"	20"	59-3/4"	50"	13"	-	-	8"	3/4"	3"	145	
LTN065G†*	65	65,000	68	63,000	66	0.55	59-3/4"	24"	63"	53-1/2"	12-1/4"	13-1/2"	53-1/2"	11"	3/4"	4"	202	
ETN076†	75	76,000	82	76,000	82	N/A	59"	24"	62-1/2"	51-3/4"	15"	16-1/2"	51-3/4"	11"	1"	4"	238	
ETN100†*	100	85,000	92	88,000	95	N/A	65"	28-1/4"	68-3/4"	59-1/4"	15-3/4"	17-3/4"	50-3/4"	16"	1-1/4"	4"	420	
High Input Models																		
LTN040G-4	40	50,000	53	48,000	50	0.59	57-1/2"	18"	60-3/4"	51-1/2"	13"	-	-	8"	3/4"	4"	127	
LTN050G-4	50	50,000	53	48,000	50	0.58	56"	20"	58-1/2"	50"	13"	-	-	8"	3/4"	4"	150	
LTN051G†*	48	65,000	67	61,000	63	0.58	56"	22"	59-1/4"	50"	13"	13-1/2"	50"	11"	3/4"	4"	164	
High Efficiency Models																		
LTN030G-EF	30	32,000	34	31,000	33	0.62	56-1/4"	18"	58"	49-3/4"	13"	-	-	8"	3/4"	3"	114	
LTN040G-EF	40	40,000	43	36,000	38	0.62	58-1/4"	20"	60"	51-1/2"	13"	-	-	8"	3/4"	3"	128	
LTN050G-EF	50	40,000	43	36,000	38	0.62	58-1/4"	22"	60"	50"	13"	-	-	8"	3/4"	3"	157	

Notes: "N" indicates Natural gas, replace "N" with "L" to indicate LP gas model.

All gas connections are 1/2" NPT

† Indicates models equipped with side tapings for space heating applications.

* Indicates models with 2" of foam insulation (ETN076 has 1 1/4" insulation)

Models fired above 75,000 Btu/Hr are certified to ANSI Z21.10.3, and are not required to meet the NAECA or FVIR standard.

Performance data is based on manufacturer's test results.

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.

All models available with a Six Year Limited Warranty against tank failure. All parts are warranted for six years. Three year limited warranty on all models when installed in a commercial application. (A Ten Year Limited Tank Warranty upgrade is available.)



Lochinvar®
High Efficiency Water Heaters, Boilers and Pool Heaters



Lochinvar Corporation • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000

www.Lochinvar.com