

## Energy Saver Models

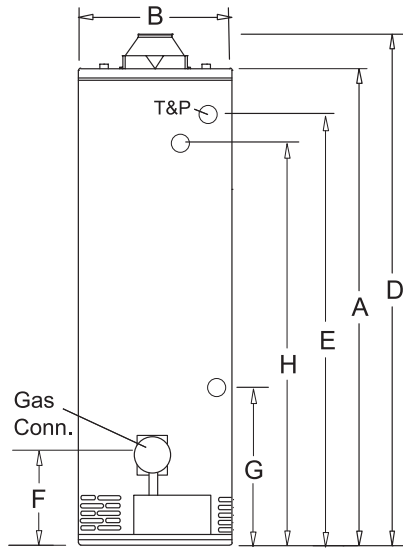
Lochinvar's Residential Gas models are available in capacities of 30, 40, 50, 65, 75 & 100 gallons in tall and short configurations. All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards.

### Standard Features

- **Shield 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 R-8.33 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.
- **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 tapplings for space heating applications.
- **Temperature & Pressure Relief Valve**
- **Brass Drain Valve**
- **Warranty** - Six or Ten year limited tank warranty. Six year warranty on parts. (see warranty for details)



# Residential Gas Water Heater Dimensions and Specifications:



**FOR EASE IN ORDERING  
BY MODEL NUMBER**

<b>L</b>	<b>S</b>	<b>N</b>	<b>030</b>	<b>G</b>
Residential Gas	Short	Natural Gas	Gallon Capacity	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			A	B	D	E	F	G	H	Water Vent Conn. Size	Ship. Wt.
	Gal. Cap.	Input Btu/Hr	GPH @ 90°F Rise	Input Btu/Hr	GPH @ 90°F Rise										
<b>Energy Saver Series - Short Models</b>															
LSN030G	30	30,000	31	26,000	31	45-3/4"	18"	48-1/2"	38-3/4"	13"	-	-	3/4"	3"	100
LSN041G	40	40,000	41	38,000	39	47-1/4"	20"	50"	41"	13"	-	-	3/4"	3"	128
<b>Energy Saver Series - Tall Models</b>															
LTN030G	30	32,000	33	31,000	32	56-1/2"	16"	59-1/4"	49-3/4"	13"	-	-	3/4"	3"	105
LTN040G	40	34,000	35	34,000	35	56-3/4"	18"	59-1/2"	50"	13"	-	-	3/4"	3"	120
LTN041G	40	40,000	41	38,000	37	56-3/4"	18"	59-1/2"	50"	13"	-	-	3/4"	3"	121
LTN050G	50	40,000	41	36,000	39	57"	20"	59-3/4"	50"	13"	-	-	3/4"	3"	145
ETN065G†*	65	65,000	67	65,000	67	61-1/4"	22"	64-1/2"	54-1/4"	14"	14-1/4"	54-1/4"	3/4"	4"	202
ETN076†	75	76,000	82	76,000	82	59-1/2"	24-1/2"	63-3/4"	53"	16"	17-3/4"	53"	1"	4"	264
ETN100†*	100	85,000	92	88,000	92	64-1/2"	28-1/4"	68-3/4"	59-1/4"	16"	17-3/4"	50-3/4"	1-1/4"	4"	428
<b>High Recovery Models</b>															
LTN040G-4	40	48,000	49	46,000	47	57-1/2"	18"	60-3/4"	51-1/2"	13"	-	-	3/4"	4"	127
LTN050G-4	50	48,000	49	46,000	47	55-1/4"	20"	58-1/2"	50"	13"	-	-	3/4"	4"	150
LTN051G†*	48	65,000	67	61,000	62	56"	22"	59-1/4"	50"	13"	13-1/2"	50"	3/4"	4"	164

Notes: "L" prefix indicates models equipped with the Shield Combustion System.  
 "L" or "E" prefix indicates 6 year tank warranty. Replace with "X" or "S" for 10 year tank warranty.  
 "N" indicates Natural gas, replace "N" with "L" to indicate LP gas model.  
 All gas connections are 1/2".  
 † Indicates models equipped with side tappings for space heating applications.  
 \* Indicates models equipped with factory installed heat traps.  
 \* Indicates R16 models with 2" of foam insulation  
 Performance data is based on manufacturer's test results.  
 Models fired above 75,000 Btu/Hr are certified to ANSI Z21.10.3.  
 (These models are not required to meet the NAECA or FVIR standard.)

## 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 either a Six Year Limited Warranty or a Ten 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.



**Lochinvar**<sup>®</sup>  
High Efficiency Water Heaters, Boilers and Pool Heaters



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