



Power Vented Residential Gas Water Heaters

Power Vented Water Heaters

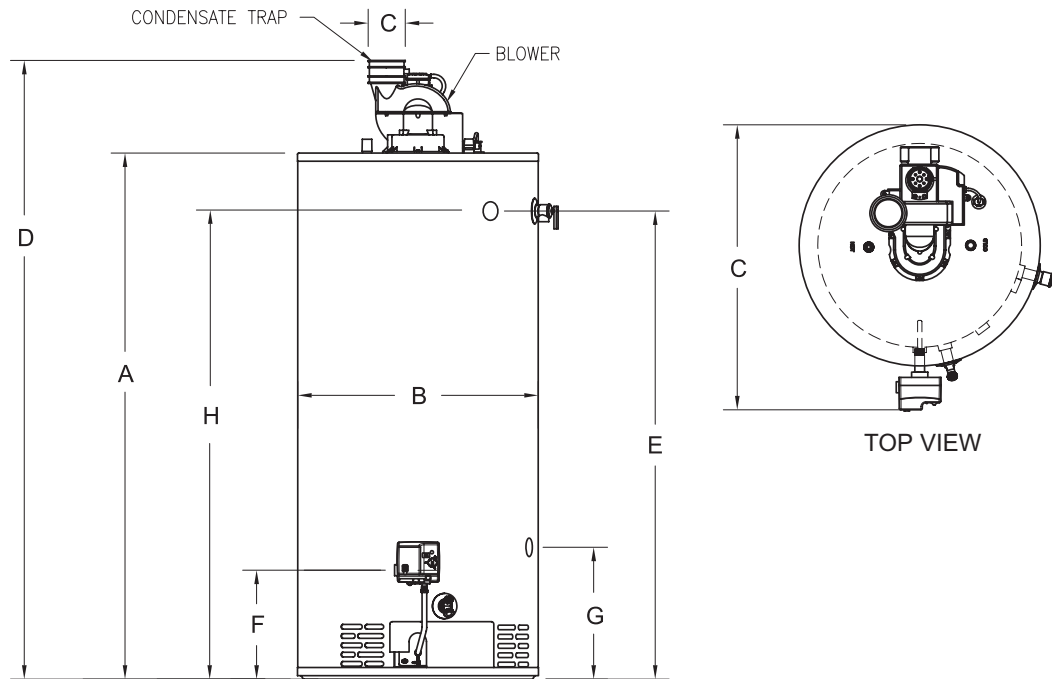
Lochinvar's Power Vented models are available in capacities of 40, 50, & 65 gallons and feature a powered exhaust fan for sidewall venting with PVC material. All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards.

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.
- **Power Vented Exhaust System** - The 120 VAC blower fan exhausts the by-products of combustion directly to the outside the building through PVC style pipe, eliminating the need for conventional chimneys or roof penetrations.
- **Side Wall or Vertical Venting** - can be vented horizontally with 2", 3" or 4" PVC, ABS or CPVC vent pipe, depending on the model. (See vent chart for max. vent lengths)
- **Electronic Spark Ignition** - Eliminates nuisance pilot outages and saves fuel by eliminating the continuously burning pilot, while providing solid-state ignition.
- **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** - 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 hot water.
- **Magnesium Tank Saver Anode** - High capacity anode rod provides protection from the effects of electrolytic corrosion.
- **Electronic Thermostat** - This accurate control provides an easy way to reset water temperature for best economy. Automatic over-heat safety device is standard. LED status indicator simplifies setup and adjustments.
- **Heat Trap Nipples** - Factory installed waterways reduce heat loss in piping, while providing piping convenience.
- **Side Connections for Space Heating** - select models are equipped with side tappings for space heating applications.
- **Temperature & Pressure Relief Valve**
- **Brass Drain Valve**
- **Warranty** - Six* year limited tank warranty.
Six year warranty on parts.
*Ten year limited warranty upgrade available.
(See warranty for details)



Power Vent Gas Water Heater Dimensions and Specifications:



FVIR Model Number	Gal. Cap.	EF	Natural Gas			LP Gas			A	B	C	D	E	F	G	H	Vent Size	Ship. Wt.
			Btu/hr Input	GPH @ 90°F Rise	Btu/hr Input	GPH @ 90°F Rise												
LVN041G	40	0.62	40,000	43	38,000	41	46-1/2"	20"	25"	56-1/2"	40-1/2"	11-3/4"	-	-	2"	140		
LVN051G	50	0.62	40,000	43	38,000	41	47-1/4"	22"	26-3/4"	57-1/2"	41"	11-3/4"	-	-	2"	165		
LVN052G†	48	0.64	67,000	70	60,000	65	56-1/2"	22"	26-3/4"	66"	50-1/4"	11-3/4"	13-1/2"	50-1/4"	3"	180		
LVN065G*	65	0.62	70,000	70	63,000	68	59-1/2"	24"	26-3/4"	69"	53-1/2"	11-3/4"	13-1/2"	53-1/2"	3"	185		

Notes: Replace "N" with "L" to indicate LP gas model

† indicates side tapping for space heating.

* indicates R16 models with 2" of polyurethane foam insulation.

Performance data is based on manufacturer test results.

"L" prefix indicates 6 year tank warranty.

All water connections are 3/4" NPT.

All gas connections are 1/2".

Max. Vent Length (Total equivalent feet)

	2"	3"	4"
LVN041G	50'	120'	-
LVN051G	50'	120'	-
LVN052G	-	60'	90'
LVN065G	-	60'	90'

FOR EASE IN ORDERING BY MODEL NUMBER

LV	N	041G
Power Vented	Natural Gas	Gallon Capacity

This is a Power Vented, residential, natural gas 40 gallon water heater.

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 Warranty upgrade is available.)



Lochinvar
High Efficiency Water Heaters, Boilers and Pool Heaters



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