

## ***Manufactured Home Residential Gas Water Heater***

### **Manufactured Home Models**

Lochinvar's Manufactured Home residential gas models are available in 30, 40 and 50 gallon capacities in atmospheric and direct vent configurations. Meets HUD requirements for manufactured home installations.

### **Standard Features**

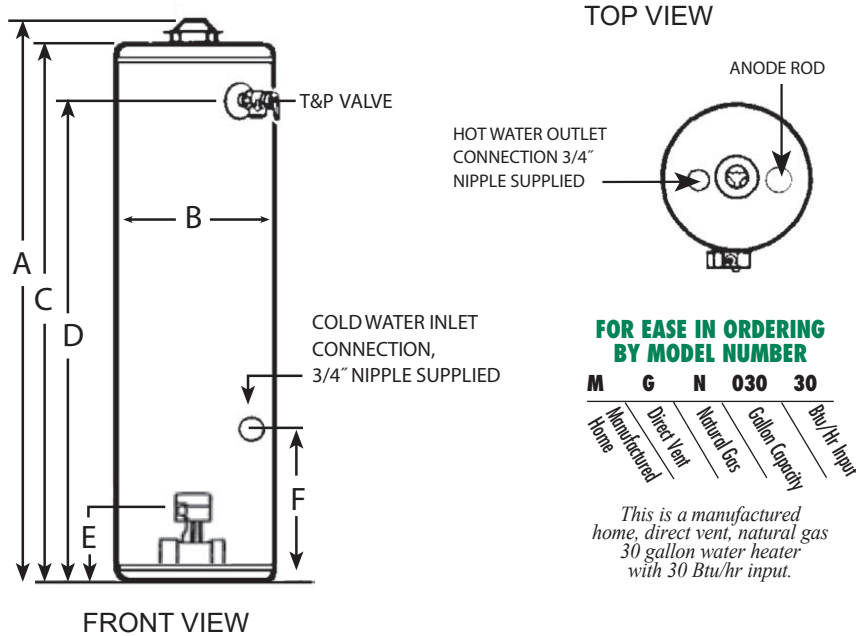
- **Code Compliance** – Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended.
- **Flammable Vapor Ignition Resistant** – With Direct Vent models, combustion air may be pulled through an air intake pipe to separate the combustion chamber from the installed space to eliminate flammable vapor ignition.
- **Electronic Gas Control** – The gas valve features 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.
- **Low NOx Burner** – The patented radial burner design reduces NOx emissions by more than 33% delivering less than 40 ng/j of NOx.
- **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. The vessel also includes ¾" side mount inlet connection.
- **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 & 2 Year Limited 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 Federal and ASHRAE Energy Efficiency Standards***

## Dimensions and Specifications



### Manufactured Homes Direct Vent / Closed Combustion

Design evaluated in accordance with the H.U.D. Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280.707 (d)(2) for energy efficiency.

Model Number	Nominal Gal. Cap.	Rated Storage Cap.	Nat. Gas Btu/Hr Input	LP Gas Btu/Hr Input	UEF	1st Hr. Rating	GPH @ 90°F Rise	A	B	C	D	E	F	Gas Conn.	Water Conn.	Vent Size	Ship. Wt.
<b>MANUFACTURED HOME - ATMOSPHERIC VENT MODELS</b>																	
MFN030 35	30	29	35,500	32,000	0.61	63	36	61-1/2"	18"	58"	52"	13"	14-1/4"	1/2"	3/4"	3" OR 4"	129
MFN040 35	40	38	35,500	32,000	0.58	59	36	61-3/4"	20"	58-1/4"	51-3/4"	13"	14-1/4"	1/2"	3/4"	3" OR 4"	153
<b>MANUFACTURED HOME - DIRECT VENT MODELS</b>																	
MGN030 30	30	29	30,000	29,000	0.61	60	31	61"	18"	58"	52-1/2"	13"	14-1/4"	1/2"	3/4"	3"	129
MGN040 30	40	38	32,000	29,000	0.59	57	33	61-3/4"	20"	58-3/4"	52-1/4"	13"	14-1/4"	1/2"	3/4"	3"	153
MGN050 40	50	47	40,000	37,000	0.56	67	39	60"	22"	57"	50"	13"	14-1/4"	1/2"	3/4"	3"	168

Notes: Cold Water Inlet side tapping is at 14-1/4" height.  
All models ship from factory for use with natural gas, with an LP conversion kit.  
All models are certified for installation up to 10,100 feet altitude.  
Certified to 10,100 ft. altitude.

## Optional Equipment

**Roof Jack Kit** – Manufactured Home water heaters must be installed with one of the approved Roof Jack Kits listed on the table. This kit is ordered separately and must be installed per the installation instructions. *Specify roof jack kit size when ordering.*

Kit Number	Roof Jack Kits		Ship. Wt.
	Min.	Max.	
100093832	-	12"	10
100093833	18"	32"	13
100093834	32"	60"	22
100093835	36"	95"	27

**Air Inlet Kit** – An optional Air Inlet kit is available for Direct Vent models installed over open subfloor spaces. The kit allows for horizontal air intake piping up to 30 feet with Schedule 40 PVC pipe.

Order kit number 100109072 for 30 and 40 gallon models.  
Order kit number 100109073 for 50 gallon models.

### 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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