



Manufactured Home Residential Gas Water Heater

Sealed Combustion for Manufactured Homes

Lochinvar's Manufactured Home Residential Gas Water Heater draws all combustion air from outside through a dedicated air intake. All by-products of combustion are vented directly outside, omitting the need for a draft diverter. Complies with HUD Standard for manufactured home.

Standard Features

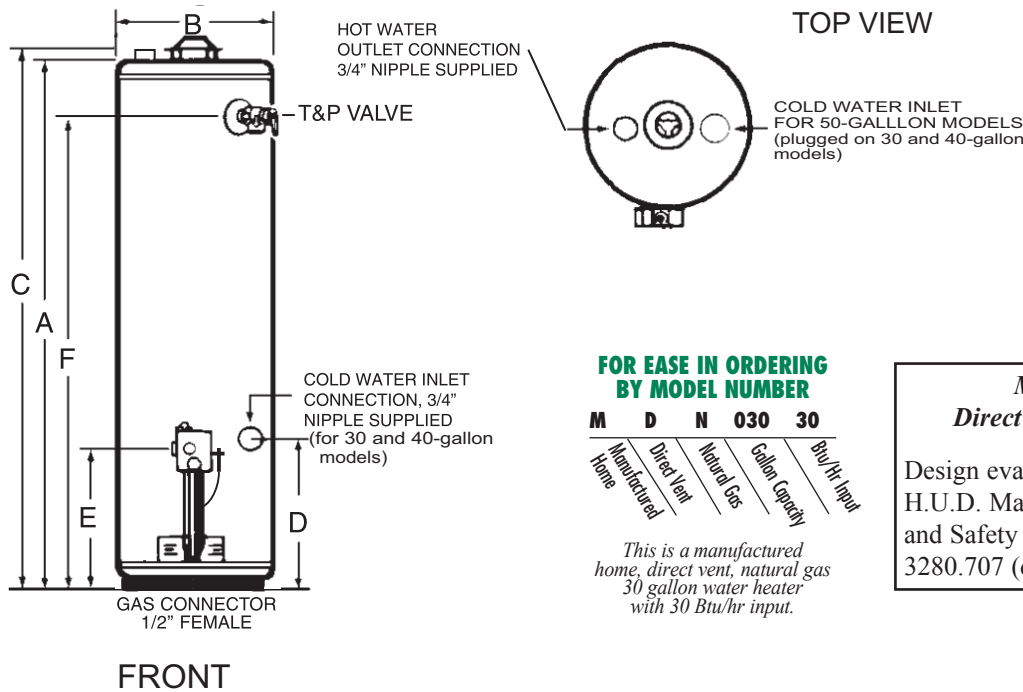
- **Flammable Vapor Ignition Resistant Compliant** – The corrosion resistant chamber redirects air through a flame arrestor plate to prevent flame rollout and flammable vapor ignition. A resettable thermal switch shuts down the burner and pilot operation in the event of a flammable vapor ignition and also protects against lint, dust and oil buildup by shutting down when it detects significant air restriction.
- **Non-CFC Foam Insulation** - Superior material 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.
- **Natural Gas to LP Gas Conversion Kit** – Conversion orifice kit for natural gas to LP gas supplied with unit.
- **Adjustable Thermostat** – Automatic temperature selection at your fingertips. This accurate control provides an easy way to reset water temperature for best economy. An automatic over-heat safety device is standard.
- **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.
- **Low NOx Burner** – Patented design reduces NOx emissions by up to 33% and complies with less than 40 ng/j of low NOx.
- **Piezo Ignitor** – Provides easy pilot ignition with the push of a button.
- **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 Warranty***, **2 Year Limited Parts Warranty**
See warranty for details
- **10 Year Extended Warranty Available** - In residential applications

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



All models meet or exceed the NAECA 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	Gal. Cap.	Input Btu/Hr	GPH @ 90°F Rise	1st Hr. Rating	Energy Factor	A	B	C	D	E	F	Gas Conn.	Water Conn.	Ship. Wt
Direct Vent Models														
MDN030 30	30	30,000	31	54	0.61	56"	18"	57"	16-3/4"	15-1/4"	51-1/2"	1/2"	3/4"	115
MDN040 30	40	32,000	33	64	0.59	56-1/2"	20"	57-1/2"	20-3/4"	15-1/4"	51"	1/2"	3/4"	134
MDN050 40	50	38,000	39	77	0.58	56"	22"	57"	23-1/4"	15-1/4"	50-1/2"	1/2"	3/4"	170
Atmospheric Vent Models														
MHN030 35	30	35,500*	36	69	0.61	58"	16"	59"	14-1/4"	13-1/4"	51-3/4"	1/2"	3/4"	125
MHN040 35	40	35,500*	37	66	0.59	58-1/4"	18-1/2"	60-1/4"	17-3/4"	13-1/4"	48-1/2"	1/2"	3/4"	134

*Notes: * Propane model rated at 32,000 Btu/hr*

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.	
9002964005	-	12"	10
9002965005	17"	32"	13
9002966005	32"	60"	17
9002967005	49"	96"	22

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 9002986005 for 30 and 40 gallon models.
Order kit number 9002987005 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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