

# Essential<sup>®</sup>

Essential Direct Vent gas water heaters for Manufactured Housing provide maximum design freedom

## EFFICIENCY

- .57 - .59 UEF

## PERFORMANCE

- FHR: 58 gallons for 40-gallon model and 46 gallons for 30-gallon model
- Recovery: 30.3 GPH at a 90° F rise

## FLEXIBILITY

- Field convertible controls for natural gas or LP operation included
- No external door is required
- Cold water inlet connection located on lower front side for convenient access & easy installation
- Hot water outlet connection located on top
- Provides maximum design freedom since it can be placed anywhere within the home

## ALTITUDE CERTIFICATION

- All models certified up to 10,000 ft. above sea level

## LOW EMISSIONS

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

## PLUS...

- Quality anode rod helps protect against tank corrosion
- Certified for manufactured (HUD) and modular construction
- Piezo ignition – easy light pilot
- Factory installed temperature and pressure relief valve – side location
- Low lead compliant

## WARRANTY

- 6-Year limited tank and parts warranty\*

\*See Residential Warranty Certificate for complete information

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



### ADJUSTABLE ROOF JACK VENT

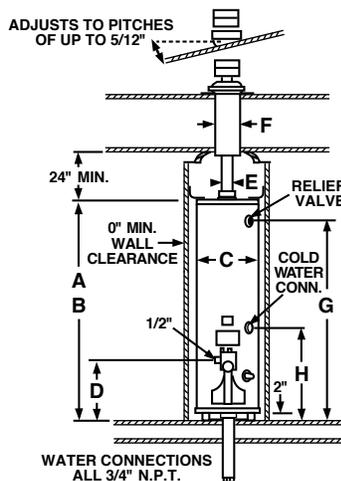
Design allows adjustment to roof pitches of up to 5/12". Four roof jacks available to accommodate roof thickness of 12" up to 95".

### DIRECT COMBUSTION AIR INLET

Air is drawn directly into combustion chamber through air inlet fixed to base; 1/2" screen for rodent protection.



Essential  
Direct Vent for  
Manufactured Housing  
30 and 40-Gallon Capacities  
30,000 BTU/h  
Natural and LP Gas



ROOF JACKS	
12" Non-Adjustable & Air Inlet	AP12032E-1
15-32" Adjustable & Air Inlet	AP12032B-1
30-60" Adjustable & Air Inlet	AP12032C-1
48-95" Adjustable & Air Inlet	AP12032D-1
AIR INLET	
6" Non-Adjustable	AP12019B
11-22" Adjustable	AP12017B
Side Air Inlet kit	AP12191
EXTENSION PIPE KIT	
Roof Jack Extension Pipe Kit	AP12021

Roof jack and air inlet must be ordered separately with 30 and 40-gallon direct vent models and must be in accordance with instructions furnished with the heater. No other roof jack or air inlet assemblies are approved for installation with this heater. Clamps and secure strapping are packed in water heater carton.

TYPE	DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.	
	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT./LP	RECOVERY IN G.P.H. 90° F RISE NAT./LP	FIRST HR. RATING (GALLONS) NAT./LP	HT. TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	ROOF JACK VENT SIZE F	HT. TO SIDE T&P VALVE G	HT. TO WATER CONN. H	SHIP WEIGHT (LBS)	UNIFORM ENERGY FACTOR (UEF)
Tall	30	29	MVR30DV3	30	30.3	46	56-5/8	56-5/8	17-3/4	14-1/8	3	5	51-1/8	20	110	0.57
Tall	40	38	MVR40DV3	30	30.3	58	57-3/8	57-3/8	19-3/4	14-1/8	3	5	51-1/8	20	125	0.59

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.