

# Essential<sup>®</sup>

Essential Atmospheric gas water heaters for Manufactured Housing feature the flammable vapor detection system

## EFFICIENCY

- .59 - .60 UEF

## PERFORMANCE

- FHR: 57 gallons for 40-gallon model and 52 gallons for 29-gallon model
- Recovery: 30.3 to 34.3 GPH at a 90° F rise, depending on model

## FLAMMABLE VAPOR DETECTION SYSTEM

- Exclusive air/fuel shut-off device for double protection
- Maintenance free – no filter to clean
- Disables the heater in the presence of flammable vapor accumulation

## FLEXIBILITY

- Field convertible controls and burner assembly for natural gas or LP operation included
- Cold water inlet connection located on lower front side for convenient access & easy installation
- Hot water outlet connection located on top

## ALTITUDE CERTIFICATION

- All models certified up to 8,400 feet above sea level
- High altitude model available for 29-gallon (4,500 to 10,000 ft.)

## LOW EMISSIONS

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

## PLUS...

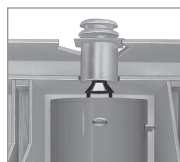
- Quality anode rod helps protect against tank corrosion
- Certified for manufactured (HUD) and modular construction
- Factory installed temperature and pressure relief valve – side location
- Low lead compliant
- Specially formulated glass lining prevents corrosion and extends the life of the tank
- Piezo ignition – easy light pilot, no matches required
- Optional leg kit for replacement units

## 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.

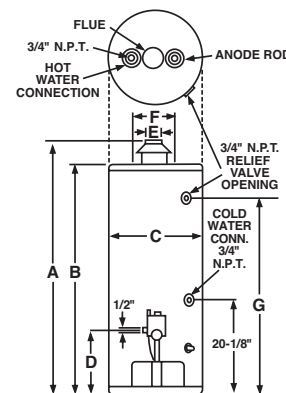


### DRAFT DIVERTER

Improved design provides efficient heating with down-draft protection.



*Essential Atmospheric for Manufactured Housing*  
29 and 40-Gallon Capacities  
Up to 34,000 BTU/h  
Natural and LP Gas



DESCRIPTION				FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.	
TYPE	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° F RISE		FIRST HR. DELIVERY G.P.H.	HT. TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CENTER F	HT. TO SIDE T&P VALVE G	SHIP WEIGHT (LBS)	UNIFORM ENERGY FACTOR (UEF)
				NAT.	LP	NAT.	LP										
Tall	29	28	6V30FT3	32	30	32.3	30.3	52	59-5/8	56-7/8	16-1/2	14-3/8	3 or 4	8	50-7/8	110	0.60
Tall	40	38	6V40FT3	34	32	34.3	32.3	57	61-1/2	58-1/2	18-1/2	14-3/8	3 or 4	8	52-1/4	125	0.59

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

ROOF JACKS PART NO.	ROOF OPENING TO FLOOR DIM.	ROOF JACK ADJ. RANGE
AP12118B*	98" Min./126" Max.	16" Min./32" Max.
AP12118C*	112" Min./154" Max.	30" Min./60" Max.
AP12118D*	130" Min./189" Max.	48" Min./95" Max.
AP12119B**	94" Min./106" Max.	12"

\*Adjustable length roof jacks

\*\*Fixed length roof jacks

Roof jack must be ordered separately with 29 and 40-gallon atmospheric models and must be in accordance with instructions furnished with the heater. Clamps and secure strapping are packed in water heater carton.