

# Encore

Encore Powered Damper gas water heaters are energy efficient and offer a 12-year warranty

## EFFICIENCY

- .65 - .70 UEF
- ENERGY STAR® rated

## PERFORMANCE

- FHR: 69 - 85 gallons
- Recovery: Up to 40.4 GPH at a 90° F rise, depending on model

## SELF-DIAGNOSTIC SYSTEM

- Electronic gas control for improved monitoring and service

## LOW EMISSIONS

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

## TECHNOLOGY

- 24 VAC flue damper, 110 VAC outlet required
- Includes 19-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

## 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

## LONGER LIFE

- Premium grade anode rod provides long-lasting tank protection

## HIGH ALTITUDE COMPLIANT

- Certified to 10,100 ft. above sea level (50-gallon 50K BTU/h model certified to 5,999 feet above sea level)

## PLUS...

- Dual certified for both potable water and space heating
- Enhanced-flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- Standard replacement parts

## WARRANTY

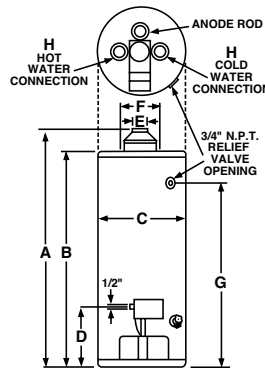
- 12-Year limited tank and parts warranty\*

\*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.



Encore  
Powered Damper  
38, 40 and 50-Gallon Capacities  
Up to 40,000 BTU/h  
Natural and LP Gas



LEED Point = 1

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		RECOVERY IN G.P.H. 90° F RISE		FIRST HOUR RATING (GALLONS)	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	WATER CONN. SIZE H	SHIP WEIGHT (LBS)	UNIFORM ENERGY FACTOR (UEF)	EST. YEARLY ENERGY COST
				NAT.	LP	NAT.	LP												
Tall	38	37	★ 12G40-40E2	40	-	40.4	-	85	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.70	\$265
Tall	38	37	★ 12G40-36PE2	-	36	-	36.4	85	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.70	\$638
Tall	50	48	★ 12G50-40E2	40	-	40.4	-	78	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.68	\$267
Tall	50	48	★ 12G50-36PE2	-	36	-	36.4	78	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.68	\$657
Short	40	39	★ 12G40S-40E2	40	-	40.4	-	69	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.65	\$186
Short	40	39	★ 12G40S-36PE2	-	36	-	36.4	69	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.65	\$450
Short	50	48	★ 12G50S-40E2	40	-	40.4	-	79	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.69	\$267
Short	50	48	★ 12G50S-36PE2	-	36	-	36.4	79	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.69	\$677

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.  
★ ENERGY STAR® compliant model.

In keeping with its policy of continuous progress and product improvement, Richmond reserves the right to make changes without notice.

Richmond Water Heaters • 1115 Northmeadow Parkway, Suite 100, Roswell, Georgia 30076  
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