

## Encore XR90 Induced Draft is a compact, energy saving 29-gallon gas water heater that outperforms standard 50-gallon models

### Efficiency

- .71 UEF
- ENERGY STAR® rated
- Well insulated for reduced stand-by heat loss

### Performance

- 29-Gallon capacity with 87 gallon FHR performance
- Recovery: 61 GPH at a 90° F rise, exceeds standard 50-gallon by up to 34%

### Compact Size

- Small foot print, 17-3/4 inch diameter
- Fast one-man installation, compact and light weight

### Self-Diagnostic System

- Integrated self-diagnostic system control for easy installation and service

### Low Emissions

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

### Technology

- 110 VAC draft inducer (includes 8-foot cord with 3-prong plug)
- Standard atmospheric Category I, double-wall, B-vent, 3" or 4" (4" adaptor included)
- Fan assisted draft inducer creates the proper draft to expel the combustion gases

### 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 for applications up to 10,100 feet above sea level

### Plus...

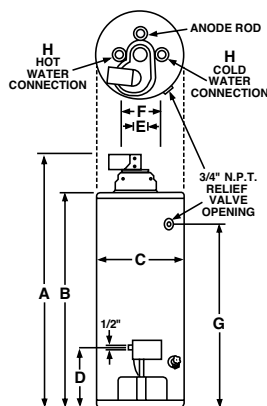
- Dual certified for both potable water and space heating
- Enhanced-flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- EverKleen™ patented system fights sediment build-up
- Standard replacement parts

### Warranty

- 12-Year limited tank and parts warranty\*

\*See Residential Warranty Certificate for complete information

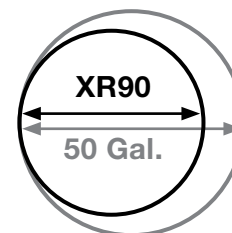
Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



**Encore XR90 Induced Draft**  
29-Gallon Capacity  
60,000 Btu/h  
Natural Gas



LEED Point = 1



**Footprint Comparison**  
Narrow 17-3/4 inch diameter fits in a smaller space than standard 40 or 50-gallon models.

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.	RECOVERY IN G.P.H. 90° F RISE NAT.	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	WATER CONN. SIZE H	SHIP WEIGHT (LBS)	ENERGY FACTOR	UNIFORM ENERGY FACTOR (UEF)	WARRANTY YEARS
29	28	★ 12G30-60	60	61	87	65-1/2	58-1/4	17-3/4	14	3 or 4	8	51-9/16	3/4	136	0.70	0.71	12

Uniform Energy Factor, 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.