



The new degree of comfort.™

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

### Efficiency

- .70 EF exceeds ENERGY STAR® Phase II requirements, Sept. 2010
- Well insulated for reduced stand-by heat loss

### Performance

- 29-Gallon capacity with 90-gallon FHR performance
- Recovery rate of 61 GPH at 90 degree rise, exceeds standard 50-gallon by up to 49%

### 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)

### What is a Fan Assisted Draft Inducer?

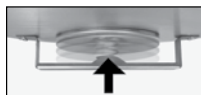
Standard gas water heaters produce extremely hot air during combustion, which moves the combustion gases quickly up the chimney. The XR90 is much more efficient (i.e. it puts more heat in the water and less heat up the chimney).

A proprietary baffle and flue design retains the heat longer, therefore a device is needed to propel the air and gases upward.

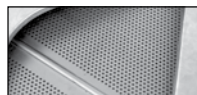
Fan assisted draft inducer creates the proper draft to expel the combustion gases.

### Guardian System™ & Sensor

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



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

### Longer Life

- Patented magnesium anode rod design incorporates a special resistor which protects the tank from rust

### High Altitude Compliant

- Certified for applications up to 7,700 feet above sea level

### Plus...

- Dual certified for both potable water and space heating
- Brass drain valve and temperature and pressure relief valve are included
- EverKleen™ device removes sediment
- Standard replacement parts

### Warranty

- 6-Year limited tank and parts warranty\*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year

\*See Residential Warranty Certificate for complete information



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



LEED Point = 1



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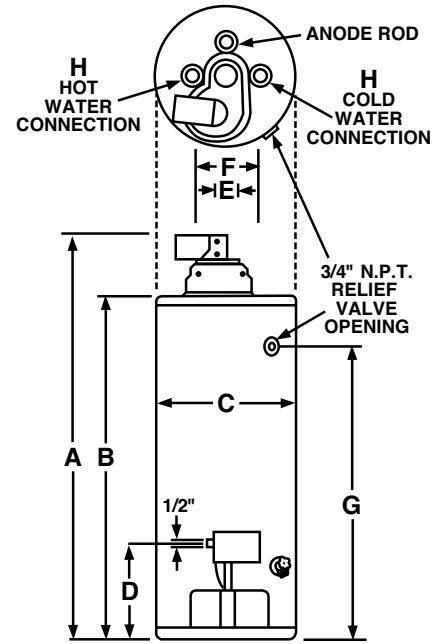
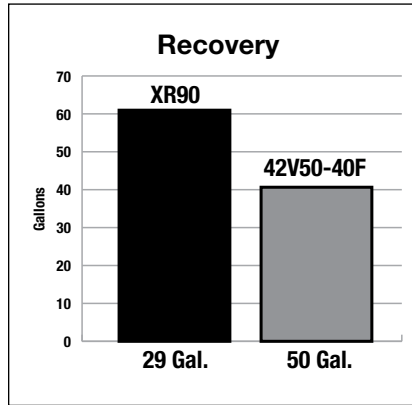
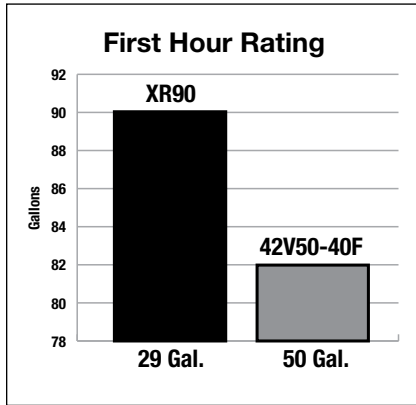
Residential Gas  
XR90 Water Heater

## Rheem XR90 Specifications

DESCRIPTION		FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° RISE NAT.	FIRST HOUR RATING (GAL.) NAT.	HT. TO VENT A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CNTR. F	HT. TO SIDE T&P G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COST NAT.
29	43V30-60	60	61	90	65-1/2	58-1/4	17-3/4	14	3 or 4	8	51-9/16	3/4	136	0.70	\$261

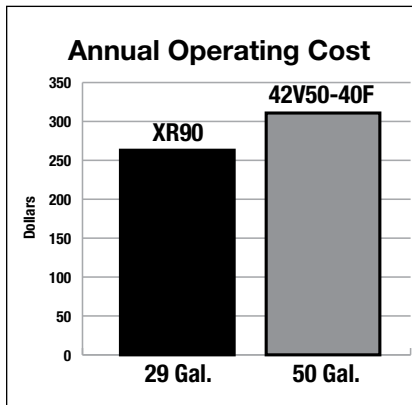
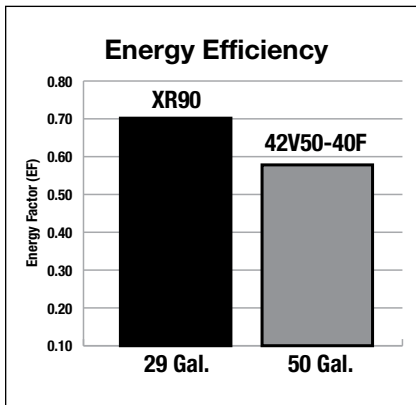
Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.

### Performance



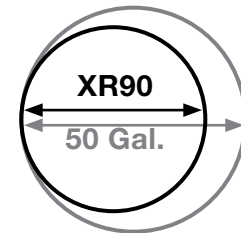
Therm-X-Guard thermal expansion tank recommended. See spec sheet 105-29 for correct sizing.

### Efficiency



Energy Factor and Average Annual Operating Costs are based on FTC Energy Guide labels.

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.



### Footprint Comparison

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

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

Rheem Water Heating • 101 Bell Road  
Montgomery, Alabama 36117-4305 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1  
Brampton, Ontario L6Y 0P5 • www.rheem.com



INTEGRATED HOME COMFORT