



The new degree of comfort.™

Water

Residential Gas
Professional *Classic Plus*
Induced Draft Water Heater

Professional *Classic Plus*™ Induced Draft is a compact, energy saving 29-gallon gas water heater that outperforms standard 50-gallon models

Efficiency

- .70 EF
- ENERGY STAR® rated
- Well insulated for reduced stand-by heat loss

Performance

- 29-Gallon capacity with 90-gallon FHR performance
- Recovery: 61 GPH at a 90° F 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

- Premium grade anode rod provides long-lasting tank protection

High Altitude Compliant

- Certified for applications up to 7,700 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

- 8-Year limited tank and parts warranty*
- With ProtectionPlus™ the 8-year limited tank warranty becomes 12-year

*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.



Professional *Classic Plus* Induced Draft 29-Gallon Capacity 60,000 Btu/h Natural Gas



LEED® Product v. 2

See specifications chart on back.



INTEGRATED HOME COMFORT

RESIDENTIAL GAS WATER HEATERS 2011-2012 ENERGY STAR CERTIFIED

Rheem 90 Plus Furnace Installation Manual

J Spring



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web the reaction of an acid and a base is called a neutralization reaction although acids and bases have their own unique chemistries the acid and base cancel each other s chemistry to produce a rather innocuous substance water in fact the general reaction between an acid and a base is ce acid base water salt nonumber

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web review your learners understanding of key ideas words and phrases relating to acids and bases this resource features three different versions of a worksheet on acids and bases scaffolded partially scaffolded and unscaffolded use the worksheets to identify learners knowledge gaps and misconceptions once you have taught this part of