

The new degree of comfort.™

# COMFORT

YOU CAN DEPEND ON



# Residential Gas Water Heaters:

More hot water and lower operating costs

- Best known brand
- Best FVIR solution
- Best quality, fewer call backs
- Full product line and parts
- Largest line of ENERGY STAR® water heaters





# Gas Water Heaters Designed for Professionals

With the introduction of the new Rheem Professional Product Line, you now have a full range of gas models organized into three product tiers (*Prestige*, *Classic Plus* and *Classic*) to make selling and upselling easier. And you can't miss the bold new look of the Rheem Professional. It's beauty and brains will drive sales for your business. Advanced diagnostics, enhanced-flow brass drain valves and maintenance free FVIR system make the new Professional line an attractive choice for busy plumbers. Having the largest selection of ENERGY STAR® models ensures homeowners can reduce their energy costs and greenhouse emissions for years to come. That's Rheem ingenuity... And then some.

#### Vent Hood -

Connects the water heater to the venting system. It aids in assisting in the updraft movement of the combustion gasses.

## Temperature and Pressure Relief Valve

Commonly referred to as the "T&P" valve. This safety device opens to allow water to escape if the tank pressure or temperature becomes excessive.

# Cold Water Inlet and Dip Tube

The connection point for incoming cold water. The inlet connects directly to a dip tube which directs the incoming water to the bottom of the tank.

#### Gas Control/Thermostat

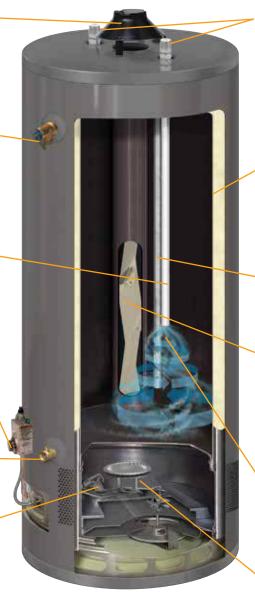
Maintains desired temperature of the water by regulating the flow of fuel to the burner.

## Enhanced-Flow – Brass Drain Valve

Allows the tank to be emptied should service be required.

#### **Thermocouple**

Senses the presence or absence of the pilot flame to determine whether it is OK for the gas valve to open.



### Plastic Line Nipples/ Heat Traps

Thermoplastic lined nipples impede galvanic corrosion. "Heat trap" nipples also contain a check valve to reduce heat loss between hot water in the tank and cold water pipes.

# Exclusive Rheemglas® Porcelain Enamel Tank Lining

Engineered for durability and long tank life.

#### **Anode Rod**

The patented R-Tech anode rod protects tank against premature corrosion.

#### Flue Baffle

Slows air movement through the flue. By keeping the combustion gases in the flue longer, more heat is transferred to the water in the tank.

## **EverKleen<sup>™</sup> Self Cleaning System**

This patented system creates a turbulent swirling action that reduces sediment and improves efficiency.

#### **Burner Assembly**

Heats the water in the tank by using a flame from either natural gas or liquid propane.



## The Rheem Guardian System™



## Flammable Vapor Ignition Resistance

Guardian is the best-in-class FVIR System that's engineered to exceed ANSI standards.



It shuts off gas and air supplies – providing double protection.





#### **Flame Arrestor Plate**

A specially-designed flame arrestor prevents ignition of vapors outside the combustion chamber.

#### **Superior Air Filtration**

It prevents the flame arrestor from becoming clogged by lint, dust and oil.





#### Maintenance-Free! No Filters to Clean!

Guardian System has no filters to service, replace or clean.

#### **Standard Replacement Parts**

Guardian System incorporated a standard gas valve and Thermocouple – easy to replace.





#### It's Easy to Light

No matches are required with the Rheem Guardian System.

#### Plus...

- Guardian System models are high altitude compliant some models certified for applications up to 6,000 and 10,200 feet above sea level.
- Zero clearance to combustibles, rear and side.
- Energy efficient! Get more hot water at a lower operating cost!
- Available on most Rheem gas water heater models.



## What size Rheem gas model do you need?

How many are in the family?	
How many bathtubs or showers?*	
Automatic dishwasher? (Mark 1 if yes)	
Washing machine? (Mark 1 if yes)	
TOTAL	

\*Refers to standard capacity baths; spa, whirlpool or oversized baths may require a larger sized water heater

IF TOTAL IS	YOU NEED
4 or less	30-gallon
5-7	40-gallon
8 or more	50-gallon or >**

\*\*Depends on your household water consumption patterns, you may wish to consider a high input 50, 60, 63, 75 or 98-gallon High Efficiency or Heavy-Duty model.

#### RESIDENTIAL TANK-TYPE GAS I Includes New Professional Prestige.™ Classic Plus™ & Classic™ Models









#### PRESTIGE HIGH EFFICIENCY CONDENSING POWER DIRECT VENT

- .82 EF Long vent runs up to 60 feet with
- Integrated self-diagnostic system
   Natural gas and LP
   38 and 48-Gallon capacities

- Up to 40,000 Btu/h
  Enhanced-flow brass drain valve

#### Limited Warranty\* • Tank and Parts – 6 Years

Residential Tank-Type Gas Continued



### CLASSIC PLUS INDUCED DRAFT

- Recovery rate: 61 GPH at 90° Frise
- Integrated self-diagnostic system
   29 Gallon capacity with
   90-Gallon FHR performance
- 17 ¾ inch diameter
- . 60,000 Btu/h, nat, gas only . Enhanced-flow brass drain valve
- Limited Warranty\*



### CLASSIC PLUS POWERED DAMPER

- .67 .69 EF
- Recovery rate: 36.4 to 50.5 GPH at a 90° F rise
- Integrated self-diagnostic system
  Energy efficient 24 VAC flue damper
  Meets 40 ng/J NOx requirements
- 38, 40, and 50-Gallon capacities
  Up to 50,000 Btu/h
- · Enhanced-flow brass drain valve
- Limited Warranty\*



- CLASSIC PLUS HEAVY DUTY ATMOSPHERIC .49 .58 EF Recovery rate: 45.5 to 75.8 GPH at a 90° F rise
- Meets 40 ng/J NOx requirements
   48, 60, 63, 75 and 98-Gallon capacities
   Up to 75,100 Btu/h
- Enhanced-flow brass drain valve

#### Limited Warranty\* 8 Years



#### CLASSIC PLUS POWER DIRECT VENT

- .62 EF
- Recovery rate: 47.5 to 75.8 GPH at a 90° F rise

- at a 90° F rise
  Integrated self-diagnostic system
  Long venting options up to 100 ft.
  Meets 40 ng/J NOx requirements
  50, 60 and 75-Gallon capacities
  Up to 75,100 Btu/h
- Enhanced-flow brass drain valve
- Limited Warranty\*
   Tank and Parts 8 Years



### CLASSIC PLUS HEAVY DUTY POWER VENT

- .59-.62 EF
   Recovery rate: 50.5 to 75.8 GPH at a 90° F rise, based on model
- a su rise, uased on model

  Long venting options up to 100 feet
  Integrated self-diagnostic system
  60 and 75-Gallon capacities
  Up to 75,000 Btu/h

- · Enhanced-flow brass drain valve

Limited Warranty\* 8 Years





## CLASSIC PLUS ULTRA LOW NOX POWERED DAMPER

- Recovery rate: 36.4 GPH at a 90° F rise
   Integrated self-diagnostic system

- Energy efficient 24 VAC flue damper
   Meets 10 ng/J NOx requirements
   40 and 50-Gallon capacities
   Ultra low NOx 36,000 Btu/h burner Enhanced-flow brass drain valve

#### Limited Warranty\*

8 Years

Residential Tank-Type Gas Continued



### CLASSIC PLUS ULTRA LOW NOX ATMOSPHERIC

- .56 EF
- Recovery rate: 45.5 GPH at a 90° F rise
   Features the Guardian System
- Meets 10 ng/J NOx requirements
   60-Gallon capacity
   45,000 Btu/h
   Enhanced-flow brass drain valve

- Limited Warranty\*
   Tank and Parts 8 Years



#### CLASSIC PLUS HEAVY DUTY ULTRA LOW NOX ATMOSPHERIC

- Recovery rate: 75.8 gallons at 90° F rise
   Integrated self-diagnostic system
- Meets 14 ng/J NOx requirements
   Features flammable detection

- 75 and 98-Gallon capacities 75,100 Btu/h, natural gas only
- . Enhanced-flow brass drain valve

Limited Warranty\*
• Tank and Parts – 8



#### **CLASSIC ATMOSPHERIC**

- .58 .62 EF
- Recovery rate: 30.3 to 50.5
   GPH at a 90° F rise, based
   on model
   Features the Guardian System
- Meets 40 ng/J NOx requirements
- 29, 30, 38, 40 and 50-Gallon
- apacities
  Up to 50,000 Btu/h
- Enhanced-flow brass drain valve

### Limited Warranty\* • Tank and Parts – 6 Years



#### **CLASSIC POWER VENT**

#### .67 EF

- Recovery rate: 32.4 to 42.4 GPH at a 90° F rise, based on model
   Integrated self-diagnostic system
   Long venting options up to
- 100 feet
- Whisper quiet blower
   40 and 50-Gallon capacities
   Up to 42,000 Btu/h
   Enhanced-flow brass drain valve

Limited Warranty\*
• Tank and Parts – 6 Years



#### DIRECT VENT

- .67 EF
- Recovery rate: 38.4 to 40.4 GPH at a 90° F rise, based on model
  Integrated self-diagnostic system
- Long venting options up to 100 feet

- Whisper quiet blower
   40 and 50-Gallon capacities
   Up to 40,000 Btu/h
- . Enhanced-flow brass drain valve

Limited Warranty\*
• Tank and Parts – 6 Years



- CLASSIC DIRECT VENT .58-.59 EF
- Recovery rate: 38.4 GPH at a 90° F rise
- · Adjustable coaxial vent
- Longer venting options
   40 and 50-Gallon capacities
   Up to 38,000 Btu/h
   Enhanced-flow brass drain valve
- Limited Warranty Tank and Parts – 6 Years



## CLASSIC DIRECT VENT (VERTICAL VENTING

- OPTION)

   .59 EF
- Recovery rate: 30.3 to 36.4 at a

- Hecovery rate: 30.3 to 36.4 and 90° F rise, based on model
   Adjustable coaxial vent
   Longer venting options
   40 and 50-Gallon capacities
   Up to 36,000 Btu/h

#### . Enhanced-flow brass drain valve

Limited Warranty\*



#### CLASSIC ULTRA LOW NOX

- Meets 10 ng/J NOx requirements Features the Guardian System
  28, 38, 40, 48 and 50-Gallon
- capacities
  Up to 45,000 Btu/h
  Enhanced-flow brass drain valve



- .58 .62 EF
   Recovery rate: 30.3 to 40.4 GPH at a 90° F rise, based on model
- Limited Warranty\*
   Tank and Parts 6 Years





## CLASSIC ULTRA LOW NOX

- POWER VENT .67 EF
   Recovery rate: 36.4 to 38.4 GPH
   COSE The based on model

Limited Warranty\*
• Tank and Parts – 6 Years

at a 90° F rise, based on model
Integrated self-diagnostic system
Long venting options up to
100 feet
Whisper quiet blower
40 and 50-Gallon capacities Up to 38,000 Btu/h · Enhanced-flow brass drain valve



# CLASSIC ATMOSPHERIC FOR MANUFACTURED HOUSING • .58-.61 EF

- .58-.61 EF
   Recovery rate: 32.3 to 38.4 GPH
   at a 90° F rise, based on model
   CSA and HUD certified
   Features the Guardian System
   30, 40 and 50-Gallon capacities
   Up to 38,000 Btu/h



## CLASSIC DIRECT VENT FOR MANUFACTURED HOUSING

- .58-.61 EF Recovery rate: 30.3 to 32.3 GPH at a 90° F rise, based on model

6 Years

- a 90° F rise, based on model
  CSA and HUD certified
  Combustion air comes from outside
  30, 40 and 50-Gallon capacities
  Up to 32,000 Btu/h
  Enhanced-flow brass drain valve

#### Enhanced-flow brass drain valve

Limited Warranty\*

Limited Warranty\*

The new Rheem Professional water heater product line has exclusive features, new product tiers and professional grade quality. That's Rheem Ingenuity... And then some



## **CLASSIC DIRECT VENT**

- CO-AXIAL FOR MANUFACTURED HOUSING .59 EF Recovery rate: 30.3 to 36.4 GPH at a 90° F rise, based on model
  CSA and HUD certified
- 40 and 50-Gallon capacities Up to 36,000 Btu/h
  Enhanced-flow brass drain valve
- Limited Warranty\*







94% efficient
 For 2-3 bathroom homes
 Indoor direct vent and outdoor models
 Vents with standard PVC
 SCAOMD 1146.2 compliant

11.000 - 199.900 Btu/h max



PRESTIGE HIGH EFFICIENCY CONDENSING

Temperature upgrade kits with temperature range of 85° F to 185° F available for commercial and hydronic applications











82% efficient
 For 2-3 bathroom homes
 Indoor direct vent and outdoor models
 SCACMD 1146.2 compliant

Heat Exchanger – 12 Years Residential; Years Commercial

INTEGRATED AIR & WATER

11,000 - 199,900 Btu/h max



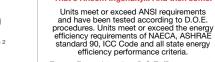
Temperature upgrade kits with temperature range of 85° F to 185° F available for commercial and hydronic applications











Energy Factor based on D.O.E. (Department of Energy) test procedures \*See Residential Warranty Certificate for complete information











Limited Warranty\*

MID-EFFICIENCY

Rheem Water Heating • 101 Bell Road Montgomery, Alabama 36117-4305 • 1.800.621.5622