



**Get
4 MORE YEARS
with ProtectionPlus™**

Available in 29, 38, 40 and 50 Gallon Tall – 30, 40 and 50 Gallon Short Gas Models

- ▶ **6-Year Limited Tank and Parts Warranty***
- ▶ **With ProtectionPlus™ the 6-Year Limited Tank Warranty Becomes 10 Years!**

Guardian System™

- One-of-a-kind air/fuel shut-off device offers double protection
- Maintenance free – no filter to clean
- Standard replacement parts

Environmentally Friendly Burner

- Low NOx design for low nitrous oxide emissions

Self-Cleaning

- EverKleen™ patented system fights sediment build-up
- Reduces fuel costs
- Provides more hot water

Easy to Light

- No matches required

Energy Efficient

- More hot water at low operating cost

Longer Life

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

High Altitude Compliant

- All models are certified for applications up to 6,000 feet above sea level. Some models are certified up to 10,200 feet above sea level. Check factory for listings

Plus...

- Brass drain valve and temperature and pressure relief valve are included
- Meets or exceeds National Appliance Energy Conservation Act (NAECA) requirements

High Efficiency Models Feature:

- High performance and lower operating cost
- Compliant with many gas utility incentive programs

*See Residential Warranty Information Brochure for complete warranty information.

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 91¢/therm; LP \$1.23/gallon.



| TYPE | DESCRIPTION | | FEATURES | | | | | ROUGHING IN DIMENSIONS (SHOWN IN INCHES) | | | | | | | | | ENERGY INFO. | |
|-------|-------------|--------------|-----------------------------|----|-----------------------------|------|------------------------|--|------------|---------|--------------------|-------------|---------------------|-------------------|---------------|-----------------|--------------------|---------------------------|
| | GAL. CAP. | MODEL NUMBER | GAS INPUT IN THOUS. BTU/HR. | | RECOVERY IN C.P.H. 90° RISE | | FIRST HOUR DEL. C.P.H. | 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. |
| TALL | 40 | 42VR40-40F | 40 | 34 | 40.4 | 34.3 | 68 | 63-1/4 | 59-3/4 | 21 | 14-1/2 | 3 | 8 | 53-1/2 | 3/4 | 135 | 0.62 | \$220 |
| | 50 | 42VR50-40F | 40 | 36 | 40.4 | 36.4 | 83 | 62-1/4 | 58-3/4 | 23 | 14-1/2 | 3 | 8 | 52-1/2 | 3/4 | 165 | 0.62 | \$220 |
| TALL | 29 | 22V30F | 32 | 30 | 32.3 | 30.3 | 50 | 59-3/4 | 56-3/8 | 16-1/8 | 14-1/2 | 3 | 8 | 50-3/4 | 3/4 | 100 | 0.62 | \$220 |
| | 40 | 22V40-36F1 | 36 | - | 36.4 | - | 67 | 61-1/2 | 58 | 17-3/4 | 14-1/2 | 3 | 8 | 53 | 3/4 | 120 | 0.59 | \$231 |
| | 40 | 22V40F1 | 38 | - | 38.4 | - | 73 | 61-3/4 | 58-3/8 | 18-1/8 | 14-1/2 | 3 | 8 | 52-1/4 | 3/4 | 120 | 0.59 | \$231 |
| | 38 | 42V40F | 40 | 34 | 40.4 | 34.3 | 68 | 61-1/2 | 57-3/4 | 19-3/4 | 14-1/2 | 3 | 8 | 52-1/4 | 3/4 | 125 | 0.60 | \$227 |
| | 50 | 22V50F1 | 38 | - | 38.4 | - | 90 | 61-1/2 | 58-1/4 | 20-1/8 | 14-1/2 | 3 | 8 | 51-3/8 | 3/4 | 130 | 0.58 | \$235 |
| | 50 | 42V50-40F | 40 | 36 | 40.4 | 36.4 | 83 | 61-1/2 | 58 | 21-3/4 | 14-1/2 | 3 | 8 | 52-1/2 | 3/4 | 150 | 0.58 | \$235 |
| | 50 | 42V50-50F | 50 | - | 50.5 | - | 83 | 62 | 58 | 21-3/4 | 14-1/2 | 4 | 8 | 52-1/2 | 3/4 | 150 | 0.58 | \$235 |
| SHORT | 30 | 22V30S-30F | 30 | - | 30.3 | - | 50 | 49-3/4 | 46-1/4 | 19-3/4 | 14-1/2 | 3 | 8 | 40-1/4 | 3/4 | 98 | 0.61 | \$224 |
| | 40 | 22V40SF | 36 | 34 | 36.4 | 34.3 | 72 | 52-3/4 | 49-3/8 | 20-1/8 | 14-1/2 | 3 | 8 | 42-3/4 | 3/4 | 130 | 0.59 | \$231 |
| | 40 | 42V40SF | 40 | 36 | 40.4 | 36.4 | 72 | 53-7/8 | 50-1/2 | 20-1/8 | 14-1/2 | 3 | 8 | 44 | 3/4 | 130 | 0.59 | \$231 |
| | 50 | 42V50SF | 40 | 36 | 40.4 | 36.4 | 84 | 54-1/4 | 49-3/4 | 22-1/4 | 14-1/2 | 3 | 8 | 44 | 3/4 | 158 | 0.59 | \$231 |

SPECIFY LP GAS WHEN ORDERING. Add "P" suffix to the model number. Example: 42VR40-40PF.

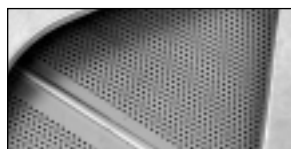
• For SCAQMD rule 1121 compliance models (California only), add "SQ" suffix to the model number. Example: 42VR40-40FSQ.

Rheem Guardian System Features...



Exclusive Combustion Shut-off System

Should a spill incident occur, the Guardian System shuts off the gas supply and the air supply preventing a sustained vapor burn in the combustion chamber.



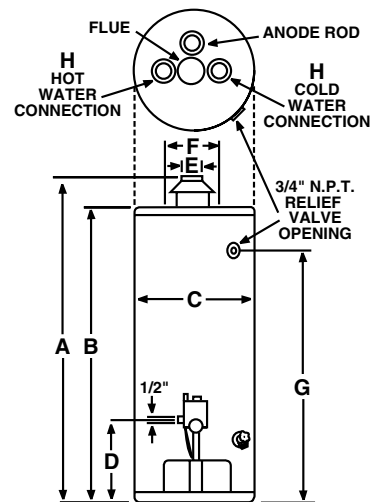
Flame Arrestor Plate

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



Maintenance Free

Superior air filtration prevents the flame arrestor from becoming clogged by lint, dust and oil.



These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.



For more details, see form 101-7.