



Available in 40 and 50 Gallon Tall Gas Models

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

FVIR Compliant

- Maintenance free – no filter to clean

Flammable Vapor Detection Sensor

- Protective control system that disables the heater in the presence of flammable vapor accumulation



Flexible Venting Options

- Long venting lengths up to 100 feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

Self-Diagnostic System

- Integrated self-diagnostic system control takes the guess work away

Environmentally Friendly Burner

- 40ng/J compliant NOx design for low nitrous oxide emissions

High Altitude Compliant

- Models are certified for applications up to 10,200 feet above sea level

Self-Cleaning

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

Longer Life

- Patented magnesium anode rod design incorporates a special resistor that protects the tank from corrosion
- Provides longer tank life than using standard magnesium anode rods

Plus...

- Durable silicon nitride ignitor (HSI)
- Standard 110 volt electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements

* 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 \$1.218/therm; LP \$1.87/gallon.

| TYPE | DESCRIPTION | | FEATURES | | | | | ROUGHING IN DIMENSIONS (SHOWN IN INCHES) | | | | | | | | | ENERGY INFO. | |
|------|-------------|--------------|-----------------------------|----|-----------------------------|------|------------------------|--|---------------------------|------------|---------|--------------------|---------------------|-------------------------|--------------------|-----------------|--------------------|--------------------------------|
| | GAL. CAP. | MODEL NUMBER | GAS INPUT IN THOUS. BTU/HR. | | RECOVERY IN G.P.H. 90° RISE | | FIRST HOUR DEL. G.P.H. | HT. TO TOP OF VENT A | HT. TO TOP OF AIR INLET B | TANK HT. C | DIAM. D | HT. TO GAS CONN. E | WATER CONN. CNTR. F | HT. TO SIDE T&P VALVE G | WATER CONN. SIZE H | SHIP. WT. (LBS) | ENERGY FACTOR NAT. | AVG. ANN. OPER. COSTS NAT. GAS |
| TALL | 40 | RU PDV40 | 40 | 38 | 40.4 | 38.4 | 73 | 68-1/2 | 69-1/4 | 60-1/4 | 19-3/4 | 14 | 8 | 53-3/4 | 3/4 | 180 | 0.67 | \$272 |
| | 50 | RU PDV50 | 40 | 40 | 40.4 | 40.4 | 93 | 67-5/8 | 67-7/8 | 59-3/8 | 21-3/4 | 14 | 8 | 52-3/4 | 3/4 | 205 | 0.67 | \$272 |
| | 50 | RU PDV50-65 | 65 | - | 65.7 | - | 111 | 67-5/8 | 68-3/8 | 59-3/8 | 21-3/4 | 14 | 8 | 52-3/4 | 3/4 | 210 | 0.62 | \$294 |

- Specify LP gas when ordering. Add "P" suffix to the model number. Example RU PDV40P.
- RU PDV50-65 model features side water connections for space heating applications.

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.

AIR-INLET AND VENTING INFORMATION

FROM SEA LEVEL THROUGH 5,999 FT. ABOVE SEA LEVEL

| Model | Vent & Combustion Air-Inlet Pipe Dia. (in.) | Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Termination |
|-------------|---|---|---|-------------|
| RU PDV40 | 2 | 7 | 30 | 90° Elbows |
| RU PDV40 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50 | 2 | 7 | 30 | 90° Elbows |
| RU PDV50 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50-65 | 3 | 7 | 55 | 90° Elbows |
| RU PDV50-65 | 4 | 7 | 100 | 90° Elbows |

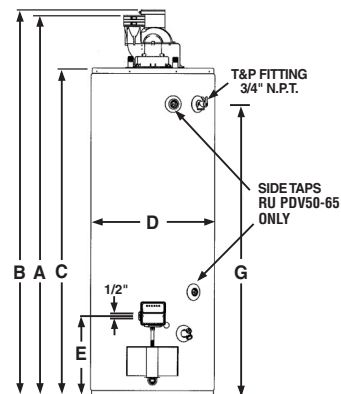
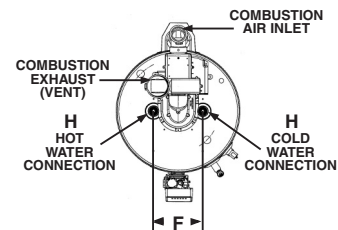
FROM 6,000 FT. ABOVE SEA LEVEL THROUGH 7,700 FT. ABOVE SEA LEVEL

| Model | Vent & Combustion Air-Inlet Pipe Dia. (in.) | Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Termination |
|-------------|---|---|---|-------------|
| RU PDV40 | 2 | 7 | 15 | 90° Elbows |
| RU PDV40 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50-65 | 3 | 7 | 55 | 90° Elbows |
| RU PDV50-65 | 4 | 7 | 100 | 90° Elbows |

FROM 7,701 FT. ABOVE SEA LEVEL THROUGH 10,200 FT. ABOVE SEA LEVEL

| Model | Vent & Combustion Air-Inlet Pipe Dia. (in.) | Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.) | Termination |
|-------------|---|---|---|-------------|
| RU PDV40 | 2 | 7 | 15 | 90° Elbows |
| RU PDV40 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50 | 3 | 7 | 60 | 90° Elbows |
| RU PDV50-65 | 3 | 7 | 40 | 90° Elbows |
| RU PDV50-65 | 4 | 7 | 100 | 90° Elbows |

- One 90° elbow is approximately equivalent to 5 feet of pipe.
- One 45° elbow is approximately equivalent to 2.5 feet of pipe.
- Certified for use with co-axial vent. Refer to Use and Care manual for details.



PROTECTIONPLUS™

6 YEAR LIMITED TANK WARRANTY BECOMES 10

For more details, see form 101-7.

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