



PowerVent with Electronic Control Induced Draft Gas Water Heater

Available in 40 and 50 Gallon Tall – 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!



PV Electronic Control

- **Available hot water display:** The LCD screen provides a simple three-level bar graph for an at-a-glance indication of how much hot water remains in the tank
- **Adjustable set-point:** The homeowner can adjust the water temperature up or down at the LCD
- **Automatic “scald warning”:** Setting the water temperature above 120°F triggers an alert calling attention to a potential hot-water risk
- **Vacation mode option:** a homeowner can make the adjustment remotely at the LCD device
- **Control lockout:** the user must depress the “up” and “down” temperature buttons for five seconds to unlock the control
- **“Service Needed” indicator:** The user or service technician can display the specific failure codes and quickly identify problems in need of remedy, saving service time and cost

Guardian System™

- Air/fuel shut-off system offers double protection
- 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

Plus...

- New Quiet Blower
- Self-Diagnostic System
- Environmentally Friendly Low NOx Burner
- High Altitude Compliant – Tall models are certified for applications up to 7,700 feet and short models up to 6,000 feet
- Self-Cleaning – EverKleen™ patented system fights sediment build-up
- Reduces fuel costs and provides more hot water
- Patented magnesium anode rod design incorporates a special resistor that protects the tank from corrosion for longer life
- 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 \$1.877/gallon.



DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.	
TYPE	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 ASSEMBLY A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	WATER CONN. CNTR. E	HT. TO SIDE T&P VALVE F	WATER CONN. SIZE G	SHIP. WT. (LBS)	ENERGY FACTOR NAT. GAS	AVG. ANN. OPER. COSTS NAT. GAS
			NAT.	LP	NAT.	LP	NAT.										
TALL	40	42VP40F-E	40	36	40.4	36.4	68	69-1/4	59	19-3/4	14	8	53-1/2	3/4	140	0.64	\$285
	50	42VP50F-E	42	42	42.4	42.4	87	68-1/4	58	21-3/4	14	8	52-1/2	3/4	170	0.64	\$285
SHORT	40	42VP40SF-E	36	32	36.4	32.3	71	61-1/2	50-1/2	20-1/4	14	8	44	3/4	152	0.64	\$285
	50	42VP50SF-E	36	32	36.4	32.3	85	61-1/2	50-1/2	22-1/4	14	8	44	3/4	176	0.62	\$294

- Specify LP gas when ordering. Add “PF” suffix to the model number. Example 42VP40PF-E.
- See venting on reverse side.

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.

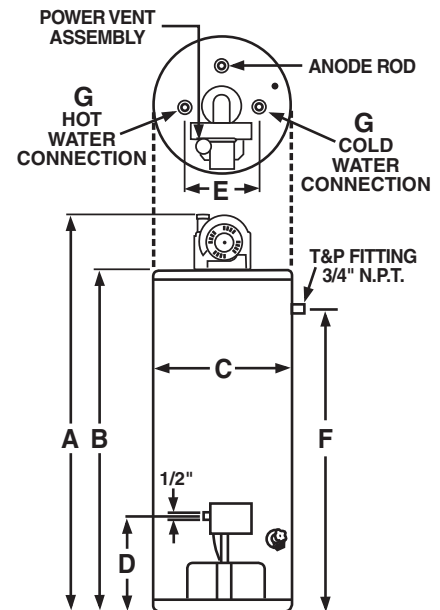
Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.

PROTECTIONPLUS™

6 YEAR LIMITED TANK WARRANTY BECOMES 10

For more details, see form 101-7.

SEE REVERSE FOR MAXIMUM AND MINIMUM VENT LENGTHS



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

40 AND 50 GALLON MODELS MAXIMUM AND MINIMUM VENT LENGTHS

VENTING INFORMATION FOR 2" VENTS

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	4.0	44.0
One (1)	One (1)	4.0	41.0
Two (2)	None	4.0	38.0
Two (2)	One (1)	4.0	35.0
Three (3)	None	4.0	32.0

For the 2" vent, one 90° elbow is approximately equal to 6 feet of pipe. One 45° elbow is approximately equal to 3 feet of pipe.

VENTING INFORMATION FOR 3" VENTS

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	5.0	95.0
One (1)	One (1)	5.0	92.5
Two (2)	None	5.0	90.0
Two (2)	One (1)	5.0	87.5
Three (3)	None	5.0	85.0
Three (3)	One (1)	5.0	82.5
Four (4)	None	5.0	80.0
Four (4)	One (1)	5.0	77.5
Five (5)	None	5.0	75.0

For the 3" vent, one 90° elbow is approximately equal to 5 feet of pipe. One 45° elbow is approximately equal to 2.5 feet of pipe.

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