

Power Direct Vent Induced Draft Gas Water Heater



* Concentric venting option available



Available in 40 and 50 Gallon Gas Models

► 6-Year Limited Tank and 1-Year Limited Parts Warranty

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
- Approved for ULC S636 PVC or CPVC vent options
- Vertical or horizontal termination
- * Concentric venting option available

Self-Diagnostic System

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

Environmentally Friendly Burner

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

High Altitude Compliant

- All models are certified for sea level and high altitude installations.

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 compared to standard magnesium anode rod

Plus...

- Durable silicon nitride ignitor (HSI)
- Standard 120 volt electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements
- Meets ENERGY STAR® requirements

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.	
		NAT.	LP	NAT.	LP	NAT.											
40	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	
50	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	
50	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	

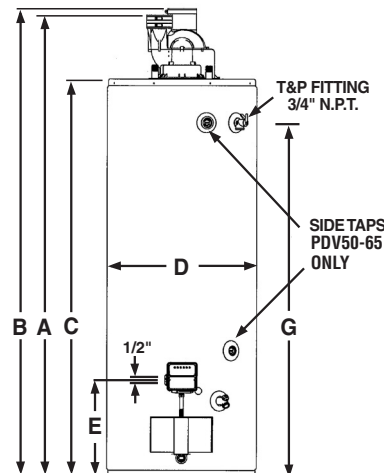
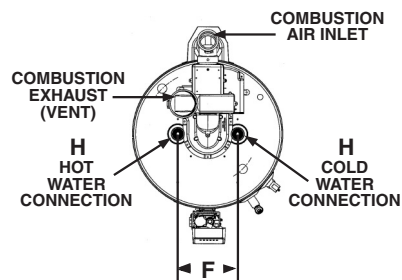
- Specify LP gas when ordering. Add "P" suffix to the model number. Example PDV40P.
- PDV50-65 model features side water connections for space heating applications.

AIR-INLET AND VENTING INFORMATION

FROM SEA LEVEL THROUGH 5,999 FT. ABOVE SEA LEVEL				
Model	Vent & Combustion Air-Inlet Pipe Dia. (in.)	Min. Allowable Equivalent Vent & Combustion Air-Inlet System Lengths (Ft.)	Max. Allowable Equivalent Vent & Combustion Air-Inlet System Lengths (Ft.)	Air Inlet and Vent Termination
PDV40	2	7	30	90° Elbow
PDV40	3	7	60	90° Elbow
PDV50	2	7	30	90° Elbow
PDV50	3	7	60	90° Elbow
PDV50-65	3	7	55	90° Elbow
PDV50-65	4	7	100	90° Elbow

- 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.

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.



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