

Rheem PowerVent Induced Draft Gas Water Heater with the Guardian System™



Available in 40 and 50 US Gallon Models

- ▶ 6-Year Limited Tank Warranty*
- ▶ 1-Year Limited Parts Warranty*

Guardian System

- Air/fuel shut-off system offers double protection
- Maintenance free – no filter to clean



Flammable Vapour Detection Sensor

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



Flexible Venting Options

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

New Quiet Blower

- Less noise than ever before

Self-Diagnostic System

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



Environmentally Friendly Burner

- Low NOx design for low nitrous oxide emissions

High Altitude Compliant

- Models certified up to 4,500 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



* See Residential Warranty Information Brochure for complete warranty information.

CROSS REFERENCE AND SPECIFICATIONS

DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.	
GALLON / LITRE CAPACITY	PREVIOUS MODEL NUMBER	NEW FVIR MODEL NUMBER	GAS INPUT IN THOUS. BTU/HR.	RECOVERY IN G.P.H. 100° RISE	FIRST HOUR DEL. G.P.H. NAT.	HT. TO TOP OF ASSEMBLY A	TANK HT. B	DJAM. 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 NATURAL
40 / 151	PVS40-36	PVS40-36FV	36	30.5	67	61-1/2	50-1/2	20-1/4	14	8	44	3/4	152	0.59
40 / 151	PVS40-36P	PVS40-34PFV	34	28.8	67	61-1/2	50-1/2	20-1/4	14	8	44	3/4	152	0.59
50 / 189	PVS50-36	PVS50-36FV	36	30.5	80	61-1/2	50-1/2	22-1/4	14	8	44	3/4	176	0.58
50 / 189	PVS50-36P	PVS50-34PFV	34	28.8	80	61-1/2	50-1/2	22-1/4	14	8	44	3/4	176	0.58

VENTING INFORMATION FOR 2" VENTS

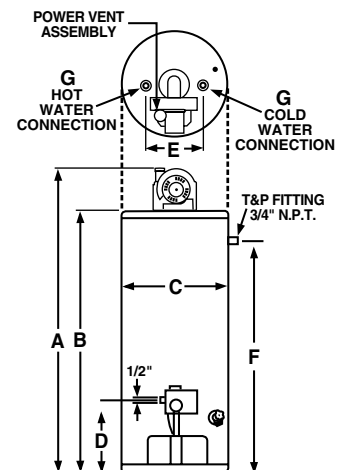
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	4.0	44.0
One (1)	One (1)	4.0	41.0
Two (2)	None	4.0	38.0
Two (2)	One (1)	4.0	35.0
Three (3)	None	4.0	32.0

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.



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

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