



The new degree of comfort.®



Residential Gas
Professional Classic
Power Vent Water Heaters

Professional Classic™ Power Vent gas water heaters offer up to 150 foot vent runs, energy efficiency and the Guardian System

Performance

- FHR: 104 gallons for 60-gallon model, 85 gallons for 50-gallon model and 71 gallons for 40-gallon model
- Recovery rate is 32.4 for 50-gallon and 40-gallon models and 50.5 for 60-gallon model at a 90 degree rise

Self-Diagnostic System

- Electronic gas control for improved monitoring and service



Low Emissions

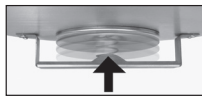
- Eco-friendly burner, low NOx design

Features

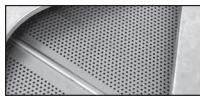
- Uses indoor air for combustion; blower exhausts the flue gases outdoors
- Standard 120 VAC electrical connection
- New whisper quiet blower

Guardian System™ & Sensor

- Exclusive air/fuel shut-off device
- Maintenance free – no filter to clean
- Disables the heater in the presence of flammable vapor accumulation



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

Flexible Venting Options

- Long venting lengths up to 150 equivalent feet
- PVC or CPVC certified to ULC-S636 vent pipe options
- Vertical or horizontal termination

Longer Life

- Premium grade anode rod provides long-lasting tank protection

High Altitude Compliant

- Certified for applications up to 7,800 feet above sea level

Plus...

- Enhanced full flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- Durable Silicon Nitride Ignitor (HSI)
- EverKleen® patented system fights sediment build-up
- Standard replacement parts

Warranty

- 6-Year limited tank and parts warranty*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year ProtectionPlus™ – order part number SP20904 (6 pack only)
- With ProtectionPlus™ the 6-year limited tank warranty becomes 8-year ProtectionPlus™ – order part number SP20081 (6 pack only)

*See Residential Warranty Certificate for complete information



Professional Classic™ Power Vent®

40, 50 and 60-Gallon Capacities
Up to 36,000 Btu/h
Natural and LP Gas



See specifications chart on back.



INTEGRATED HOME COMFORT



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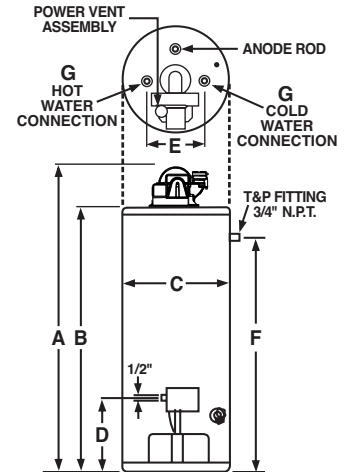


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Professional Classic™ Power Vent® Specifications

TYPE	DESCRIPTION		FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.		
	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.	HT. TO TOP OF ASSEMBLY	TANK HT.	DIAM.	HT. TO GAS CONN.	WATER CONN. CNTR.	HT. TO SIDE T&P VALVE	WATER CONN. SIZE	SHIP. WT. (LBS)	ENERGY FACTOR (EF)	UNIFORM ENERGY FACTOR (UEF)
			NAT.	LP	NAT.	LP	NAT.	A	B	C	D	E	F	G			
Short	40	PROG40S-36N CN67 PV	36	32	36.4	32.4	72	58	51-1/4	21-3/4	14	8	44-1/4	3/4	155	0.67	0.65
Short	50	PROG50S-36N CN67 PV	36	32	36.4	32.4	86	58	51-1/4	23-3/4	14	8	44	3/4	175	0.67	0.70
Short	60	PROG60S-55N CN62 PV	55	50	55.6	50.5	102	69-1/4	58	22-1/4	14	8	51-1/4	3/4	205	0.62	0.62

Specify LP when ordering. Add gas input and "P" to the model number. Example: PROG40S-32P CN67 PV



Maximum and Minimum Vent Lengths for 2 - 3" Vents up to 2,000 Ft. (609 m) Above Sea Level

Model	Gas	Heater input Btu/hr.	Vent System Diameter Inches	Min. Allowed Equivalent Vent Length		Max Allowed Equivalent Vent Length		Vent System Termination
				Feet	Meters	Feet	Meters	
40 & 50 Gallon	Natural & Propane	42,000, 40,000, 36,000, 32,000	2	7	2.1	55	16.7	45° Elbow
			3	7	2.1	150	45.7	45° Elbow
60 Gallon	Natural	55,000	3	9	2.7	50	15.2	90° Elbow
			4	9	2.7	100	30.4	90° Elbow
60 Gallon	Propane	50,000	3	9	2.7	50	15.2	90° Elbow
			4	9	2.7	100	30.4	90° Elbow

Maximum and Minimum Vent Lengths for 2 - 3" Vents From 2,000 Ft. (609 m) through 7,800 Ft. (2,377 m) Above Sea Level

Model	Gas	Heater input Btu/hr.	Vent System Diameter Inches	Min. Allowed Equivalent Vent Length		Max Allowed Equivalent Vent Length		Vent System Termination
				Feet	Meters	Feet	Meters	
40 Gallon	Natural	40,000	2	7	2.1	25	7.6	45° Elbow
			3	7	2.1	150	45.7	45° Elbow
40 Gallon	Propane	36,000	2	7	2.1	35	10.6	45° Elbow
			3	7	2.1	150	45.7	45° Elbow
40 Gallon	Natural & Propane	36,000, 32,000	2	7	2.1	40	12.2	45° Elbow
			3	7	2.1	150	45.7	45° Elbow
50 Gallon	Natural & Propane	42,000, 36,000, 32,000	2	7	2.1	35	10.6	45° Elbow
			3	7	2.1	150	45.7	45° Elbow
60 Gallon	Natural	55,000	3	9	2.7	40	12.2	90° Elbow
			4	9	2.7	100	30.4	90° Elbow
60 Gallon	Propane	50,000	3	9	2.7	40	12.2	90° Elbow
			4	9	2.7	100	30.4	90° Elbow

For the 2", 3" and 4" vent, a 90°, 1/4 standard bend or long bend elbow is equivalent to 5 ft. (1.52 m) of straight pipe. A 45°, 1/8 standard bend or long bend elbow is equivalent to 2.5 ft. (0.76 m) of straight 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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