



The new degree of comfort.™



Residential Gas  
Professional Classic™  
Power-Vent® Water Heaters

## Professional Classic™ Power-Vent® gas water heaters offer up to 100 foot vent runs, energy efficiency and the Guardian System

### Efficiency

- 0.62 - 0.67\*\* EF
- ENERGY STAR® rated

### Performance

- FHR: 104 gallons for 60-gallon model, 85 gallons for 50-gallon model and 71 gallons for 40-gallon model
- Recovery rate is 50.5 to 55.6 for 60-gallon model, 36.4 for 50-gallon model and 32.4 for 40-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

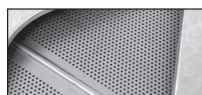
- Uses indoor air for combustion; blower exhausts the flue gases
- Standard 120 VAC electrical connection
- New whisper quiet blower

### 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 100 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 6,000 feet above sea level

### Plus...

- Enhanced 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

Units meet or exceed AN SI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NA ECA, ASHRA E standard 90, ICC Code and all state energy efficiency performance criteria.



### Professional Classic™ Power-Vent®

40, 50 and 60-Gallon Capacities  
Up to 55,000 Btu/h  
Natural and LP Gas



LEED Point = 1

See dimensions chart on back.



INTEGRATED HOME COMFORT



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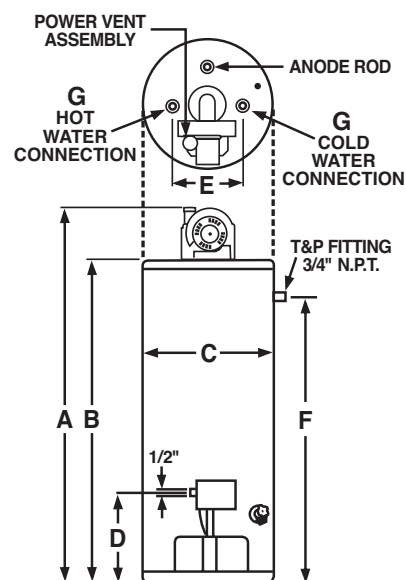
Residential Gas  
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## Professional Classic™ Power-Vent® Specifications

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.	
TYPE	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 NAT.	AVG. ANNUAL OPER. COST NAT.
			NAT.	LP	NAT.	LP	NAT.	A	B	C	D	E	F	G			
Short	40	PROG40S-36N CN67 PV**	36	32	36.4	32.4	71	62-1/2	51-1/4	21-3/4	14	8	44-1/4	3/4	155	0.67	\$272
Short	50	PROG50S-36N CN67 PV**	36	32	36.4	32.4	85	62-1/2	51-1/4	23-3/4	14	8	44	3/4	175	0.67	\$272
Short	60	PROG60S-55N CN62 PV	55	50	55.6	50.5	104	69-1/4	58	22-1/4	14	8	51-1/4	3/4	205	0.62	\$294

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

\*\*ENERGY STAR® qualified models.



### Maximum and Minimum Vent Lengths for 2" Vents

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.) 0' - 2000'	MAXIMUM PIPE LENGTH (FT.) 2000' - 7700' *
One (1)	None	4.0	44.0	24.0
One (1)	One (1)	4.0	41.0	21.0
Two (2)	None	4.0	38.0	18.0
Two (2)	One (1)	4.0	35.0	15.0
Three (3)	None	4.0	32.0	12.0

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.  
\*2,000' - 6,000' for short models.

### Maximum and Minimum Vent Lengths for 3" Vents

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.) 0' - 2000'	MAXIMUM PIPE LENGTH (FT.) 2000' - 7700' *
One (1)	None	5.0	95.0	75.0
One (1)	One (1)	5.0	92.5	72.5
Two (2)	None	5.0	90.0	70.0
Two (2)	One (1)	5.0	87.5	67.5
Three (3)	None	5.0	85.0	65.0

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.  
\*2,000' - 6,000' for short models.

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

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