



## Professional Achiever™ 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

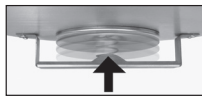
- Eco-friendly burner, low NOx design

### Features

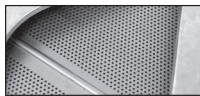
- Uses indoor air for combustion; blower exhausts the flue gases outdoors
- Standard 120 VAC electrical connection
- New whisper quiet blower

### 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 Arrester 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 Achiever™ Power Vent®

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



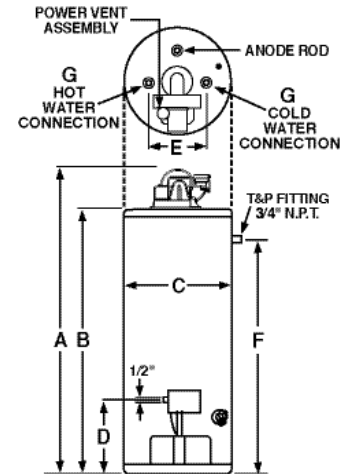
See specifications chart on back.



## Professional Achiever™ 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 CD67 PV	36	32	36.4	32.4	66	58	51-1/4	21-3/4	14	8	44-1/4	3/4	155	0.67	0.65
Short	50	PROG50S-36N CD67 PV	36	32	36.4	32.4	78	58	51-1/4	23-3/4	14	8	44	3/4	175	0.67	0.70
Short	60	PROG60S-55N CD62 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 CD67 PV



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

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.*