



# Heavy Duty Power Direct Vent Water Heaters

## Professional Achiever Plus™ Heavy Duty Power Direct Vent gas water heaters are a perfect choice for tight construction and indoor air quality

### Efficiency

- .62 UEF

### Performance

- FHR: 120 gallons for 75-gallon models
- Recovery rate is 69.7 to 75.8 for 75-gallon models at a 90 degree rise

### Self-Diagnostic System

- Electronic gas control for improved monitoring and service

### Low Emissions

- Eco-friendly burner, low NOx design

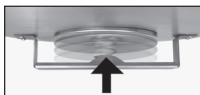


### Features

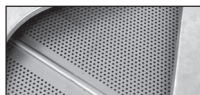
- Uses indoor air for combustion; blower exhausts the flue gases
- Standard 120 VAC electrical connection
- New whisper quiet blower
- Offers larger capacities than the standard Power Vent

### 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

- Models certified for applications up to 7,700 ft. 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 SP20081 (6 pack only)

\*See Residential Warranty Certificate for complete information



## Professional Achiever Plus™ Heavy Duty Power Direct Vent

75-Gallon Capacity  
Up to 75,000 Btu/h  
Natural and LP Gas



See specifications chart on back.

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

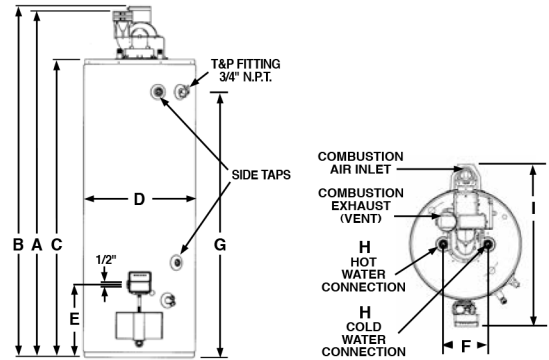
# Heavy Duty Power Direct Vent Water Heaters



## Professional Achiever Plus™ Heavy Duty Power-Vent™ Specifications

DESCRIPTION				FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.		
TYPE	NOMINAL GAL. CAP.	RATE GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.R.H. 90° RISE		FIRST HOUR DEL. G.R.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			
Tall	75	73	PRO+G75T-75N CD62 PDV	75	69	75.8	69.7	120	72	60-1/8	26-1/4	14-3/4	11	53-1/4	1	330	0.57	0.62

75-Gallon model features side water connections for space heating applications.  
Specify LP gas when ordering. Add gas input and "P" to model number. Example: PRO+G75S-50P RU57 PV



## Vent and Combustion Air Inlet System Information

MODEL NUMBER	VENT & COMBUSTION AIR-INLET SYSTEM DIAMETER	MIN. ALLOWED EQUIVALENT VENT & COMBUSTION AIR-INLET SYSTEM LENGTHS (EACH PIPE RUN)		MAX. ALLOWED EQUIVALENT VENT & COMBUSTION AIR-INLET SYSTEM LENGTHS (EACH PIPE RUN)		VENT AND COMBUSTION AIR-INLET SYSTEM TERMINATION(S)	
	INCHES	FEET	METERS	FEET	METERS		
<b>FROM SEA LEVEL TO 2,000 FT. (609 M) ABOVE SEA LEVEL</b>							
PRO+G75-75N RU PDV AND PRO+G75-76P RU PDV	3	8	2.4	50	15.2	90° Elbows	-
	3	8	2.4	40	12.2	-	Concentric*
	3	8	2.4	40	12.2	-	Concentric**
	4	8	2.4	100	30.5	90° Elbows	-
	4	8	2.4	90	27.4	-	Concentric*
	4	8	2.4	90	27.4	-	Concentric**
<b>FROM 2,000 FT. (609 M) THROUGH 5,400 FT. (1,646 M) ABOVE SEA LEVEL</b>							
PRO+G75-75N RU PDV AND PRO+G75-76P RU PDV	3	8	2.4	25	7.6	90° Elbows	-
	3	8	2.4	20	6.1	-	Concentric*
	3	8	2.4	20	6.1	-	Concentric**
	4	8	2.4	100	30.5	90° Elbows	-
	4	8	2.4	90	27.4	-	Concentric*
	4	8	2.4	20	6.1	-	Concentric**
<b>FROM 6,000 FT. (1,829 M) ABOVE SEA LEVEL THROUGH 7,800 FT. (2,377 M) ABOVE SEA LEVEL</b>							
PRO+G75-75N RU PDV AND PRO+G75-76P RU PDV	4	8	2.4	50	15.2	90° Elbows	-
PRO+G75-75N RU PDV	4	8	2.4	45	13.7	-	Concentric*
	4	8	2.4	45	13.7	-	Concentric**
<b>FROM 7,701 FT. (2,347 M) ABOVE SEA LEVEL THROUGH 10,100 FT. (3,078 M) ABOVE SEA LEVEL</b>							
PRO+G75-75N RU PDV	4	8	2.4	50	15.2	90° Elbows	-
	4	8	2.4	45	13.7	-	Concentric*
	4	8	2.4	45	13.7	-	Concentric**

One 90° elbow is approximately equivalent to 5 feet of pipe. One 45° elbow is approximately equivalent to 2.5 feet of pipe.  
\*Use only Ruud 3 in. (7.6 cm) concentric termination kit number SP20245.  
\*\*Use only Ruud 4 in. (10.2 cm) concentric termination kit number SP20919.

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