



The new degree of comfort.™



Water

Commercial Gas
Power Vent Water Heaters

Power Vent commercial water heaters are designed for wherever medium duty quantities of hot water are required and offer up to 95 feet vent runs

Features & Benefits

Power Vent commercial gas water heaters are available in 70,000 and 75,000 Btu/h, with a maximum temperature setting of 160 degrees Fahrenheit and vent up to 95 equivalent feet. This water heater is specifically designed where medium quantities of hot water are required. Typical applications include large residences, small restaurants, apartments up to six units and small office buildings.

Thermal Efficiency

Meets or exceeds a minimum of 80% (non-condensing)

Superior Tank Design

Proprietary steel formulation with a unique coat of high temperature porcelain enamel to maximize corrosion resistance.

FVIR Compliant

Maintenance free with no filter to clean.

Flammable Vapor Detection Sensor

A protective control system disables the heater in the presence of flammable vapor accumulation.



Self-Diagnostic System

Integrated self-dianostic system control takes the guess work away.

Integral Automatic Blower

The powered blower assists in quietly bringing in combustion air and discharging combustion gases using 110 volt electrical connection.

Low Emissions

Environmentally friendly burner is 40 ng/J NOx compliant.

Easier, Less Costly Venting

Installs with PVC, ABS, or CPVC vent options with vertical or horizontal termination. Side connections are available for ease of installation and flexibility. Maximum vent length is 95 equivalent feet using 4" PVC; Vents up to 35 equivalent feet using 3" PVC pipe. For Canadian installations, use ULC-S636 PVC and CPVC pipe.

Longer Life

A patented magnesium anode rod design with resistor protects the tank from corrosion.

Hot Surface Ignition (HSI)

Less fuel consumption versus a standing pilot

Self Cleaning

Fights sediment buildup to increase operating efficiency and extend tank life.

Full-port, Full-flow Drain Valve

Factory installed brass drain valve allows for faster draining and servicing.

CSA/ASME Rated T&P Valve

Factory installed relief valve

Altitude Certification

Certified up to 7,700

Warranty

3-Year limited tank warranty and 1-Year limited parts warranty

See Commercial Warranty Certificate for complete information

Efficiency | These models have been tested according to DOE test procedures, and meet or exceed thermal efficiency and standby loss requirements of current ASHRAE standards (Part of the Federally mandated Energy Policy Act (EPAct) and NRCAN). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

Safety and Construction | Design certified by CSA Laboratories: a) To meet all safety and construction requirements of ANSI Z21.10.1. b) As an automatic storage water heater. c) For operation of combustible floors, in alcove, and closet installations. d) For combination water heating and space heating applications. All models are North Carolina code compliant. **Certified for 150 PSI maximum working pressure.**



Rheem-Ruud Power Vent

75-Gallon Capacity
70,000 and 75,000 Btu/h
Natural and LP Gas



INTEGRATED AIR & WATER



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RECOVERY CAPACITIES Recovery in U.S. Gallons/Hr. (GPH) and Liters/Hr. (LPH) at various temperature rises

MODEL NUMBER	INPUT (BTU/H) NATURAL & L.P.	UNITS	40°F (22°C)	50°F (28°C)	60°F (33°C)	70°F (39°C)	80°F (45°C)	90°F (50°C)	100°F (56°C)	110°F (61°C)	120°F (67°C)
GPV75-75FV-2	75,000	GPH	173	138	115	99	86	77	69	63	58
		LPH	654	523	436	374	327	291	262	238	218
GPV75-75PFV-2	70,000	GPH	161	129	107	92	81	72	64	59	54
		LPH	610	489	407	349	305	272	244	222	203

MAXIMUM DELIVERY Delivery in U.S. Gallons and Liters. (Includes useable storage and recovery for indicated times)

MODEL NUMBER	CAPACITY GALS LITERS		INPUT (BTU/H) NATURAL & L.P.	TEMP. RISE	UNITS	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	45 MIN.	60 MIN.	120 MIN.	180 MIN.	MIN. TO REC. CONTENTS
GPV75-75FV-2	75	284	75,000	100 °F	GAL	59	65	71	77	89	107	125	198	271	65
				55.6 °C	LTR	224	246	267	292	337	405	474	750	1027	
GPV75-75PFV-2	75	284	70,000	100 °F	GAL	58	63	68	74	84	100	117	182	246	70
				55.6 °C	LTR	219	239	259	279	319	380	443	687	932	

DIMENSIONAL INFORMATION All dimensions in English and Metric units

MODEL NUMBER	UNITS	A	B	C	D	E	F	G	APPROX. SHIPPING WEIGHT
GPV75-75(P)FV-2	inches	72	60-1/8	26-1/4	14-3/4	11	53-1/4	1	330 Lbs
	mm	1829	1527	667	375	279	1353	25	150 Kg

MAXIMUM AND MINIMUM VENT LENGTHS (Excluding vent termination):

3" VENT PIPE

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)	
			MAX. ALTITUDE	
			0 - 2,000 FT.	2,001- 7,700 FT.
One (1)	None	5.0	45	35
One (1)	One (1)	5.0	42.5	32.5
Two (2)	None	—	40	30
Two (2)	One (1)	—	37.5	27.5
Three (3)	None	—	35	25

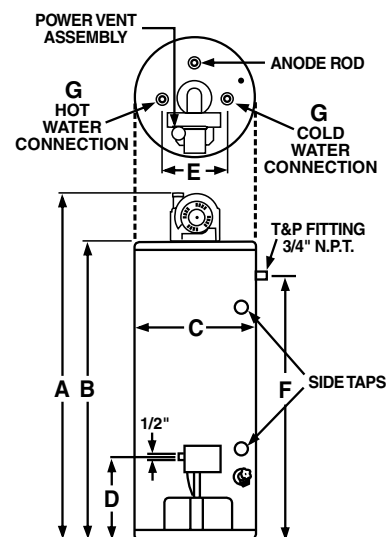
4" VENT PIPE

NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)	
			MAX. ALTITUDE	
			0 - 7,700 FT.	
One (1)	None	5.0	95.0	
One (1)	One (1)	5.0	92.5	
Two (2)	None	—	90.0	
Two (2)	One (1)	—	87.5	
Three (3)	None	—	85.0	
Three (3)	One (1)	—	82.5	

For the 3" and 4" vent, one 90° elbow is equivalent to 5 feet of pipe. One 45° elbow is equivalent to 2.5 feet of pipe.

Recommended Specifications (for trade reference only)

Water heater(s) shall be model GPV75-75FV-2, manufactured by RHEEM-RUUD, having gas input of 75,000 Btu/h and a recovery rate of 69 GPH at a 100°F temperature rise. Water heater shall have a storage capacity of 75 gallons. Water heater shall have the CSA seal of certification and be factory equipped with an CSA/ASME rated temperature and pressure relief valve. Tank shall have a coating of high temperature porcelain enamel and furnished with a magnesium anode rod rigidly supported. Water heater shall meet or exceed the energy factor requirements of ASHRAE. Tank shall have a working pressure rating of 150 psi, and shall be completely factory assembled, including a pressure regulator properly adjusted for operation on _____ gas. Water Heater shall have a hot surface ignition system. Controls will be arranged for safety shutoff in event of pilot failure. Complete unit shall be insulated with rigid polyurethane foam insulation. Water Heater shall be covered by a three year limited warranty against tank leaks.



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

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