

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 75,100 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 8,500

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.**



**Ruud
Power Vent**
75-Gallon Capacity
75,100 Btu/h
Natural and LP Gas



See specifications chart on back.

Power Vent Water Heaters



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	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F
			(22°C)	(28°C)	(33°C)	(39°C)	(45°C)	(50°C)	(56°C)	(61°C)	(67°C)
GPV75-76FV-2	75,100	GPH	182	146	121	104	91	81	73	66	61
		LPH	689	553	458	394	345	307	276	250	231
GPV75-76LP	75,100	GPH	182	146	121	104	91	81	73	66	61
		LPH	689	553	458	394	345	307	276	250	231

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

MODEL NUMBER	CAPACITY		INPUT (BTU/H) NATURAL & L.P.	TEMP. RISE	UNITS	5	10	15	20	30	45	60	120	180	MIN. TO REC. CONTENTS
	GALS	LITERS				MIN.	MIN.	MIN.	MIN.	MIN.	MIN.	MIN.	MIN.	MIN.	
GPV75-76FV-2	75	284	75,100	100 °F	GAL	59	65	71	77	89	107	125	198	271	61
				55.6 °C	LTR	224	246	267	292	337	405	474	750	1027	
GPV75-76LP	75	284	75,100	100 °F	GAL	59	65	71	77	89	107	125	198	271	61
				55.6 °C	LTR	224	246	267	292	337	405	474	750	1027	

DIMENSIONAL INFORMATION All dimensions in English and Metric units

MODEL NUMBER	UNITS	A	B	C	D	E	F	G	APPROX. SHIPPING WEIGHT
GPV75-76FV-2/	inches	71-7/8	60-1/8	26-1/4	14-3/4	11	53-1/4	1	330 Lbs
GPV75-76LP	mm	1826	1527	667	375	279	1353	25	150 Kg

MAXIMUM AND MINIMUM VENT LENGTHS for 3" and 4" Vents

FROM SEA LEVEL THROUGH 8,500 FT. ABOVE SEA LEVEL				
MODEL	VENT SYSTEM DIAMETER	MIN. ALLOWED EQUIVALENT VENT LENGTHS (EACH PIPE RUN)	MAX. ALLOWED EQUIVALENT VENT LENGTHS (EACH PIPE RUN)	VENT SYSTEM TERMINATION(S)
75-Gallon	3 Inches	10 Feet	50 Feet	90° Elbow
	4 Inches	10 Feet	100 Feet	90° Elbow

For the 3" and 4" vent, one 90° elbow is approximately equal to 5 feet of pipe.

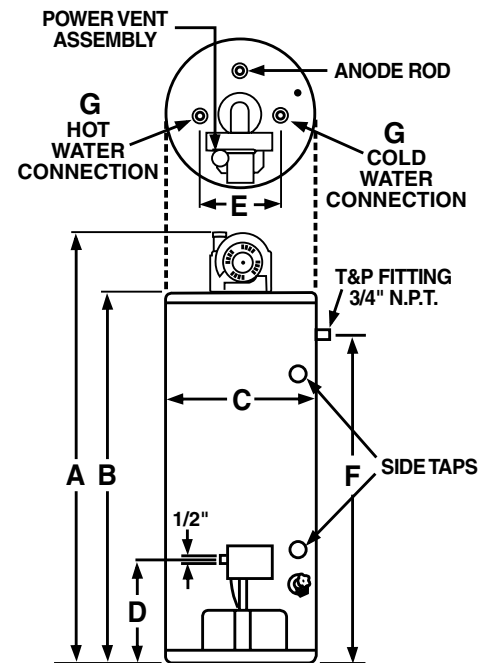
One 45° elbow is approximately equal to 2.5 feet of pipe.

NOTICE: The mixing of 3" and 4" vent pipe is not recommended. If 4" pipe is used, a 3" to 4" reducer fitting is recommended at the rubber coupling.

This water heater is supplied with a 3" Schedule 40 PVC 90° vent terminal. When venting with 4" pipe, a Schedule 40 PVC 90° vent terminal must be used. Screens for both 3" and 4" vent terminals have been included.

Recommended Specifications (for trade reference only)

Water heater(s) shall be model GPV75-76FV-2, manufactured by Ruud, having gas input of 75,100 Btu/h and a recovery rate of 73 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, Ruud reserves the right to make changes without notice.