



75 Gallon Capacity

Vents Up To 45 Feet Using 3" PVC Pipe

And Up To 60 Feet Using 4" PVC Pipe



Available in 75 Gallon Tank-Type Models

► 75,000 BTU/Hr.

The Rheem-Ruud PowerVent commercial water heater is specifically designed to fill the need wherever medium quantities of hot water are required. Typical applications include large residences, small restaurants, apartments up to 6 units and small office buildings.

Construction Features:

- **Long life tank design** – proprietary steel formulation with a unique coat of high temperature porcelain enamel to maximize corrosion resistance resulting in a superior tank design.
- **Integrated self-diagnostic system control, thermostat and gas valve**
- **Blower assembly** – Designed for easy maintenance, service and fast installation.
- **Foam insulation** – 2" of rigid polyurethane foam insulation provides superior insulating qualities, improves efficiency and reduces operating costs. Our patented process of injecting foam into the insulating cavity adds additional durability and toughness to the baked enamel steel outer jacket.
- **Cast iron burner** – burns gas efficiently at rated input, spreads flame to evenly balance heat transfer over tank bottom and flue-way surfaces.
- **Power switch** – for shut down or servicing with standard 110 volt.
- **Durable brass drain valve**
- **Temperature and pressure relief valve** – AGA/ASME rated and factory installed.

Certifications and Ratings:

- **Efficiency** – these models have been tested according to DOE test procedures, and exceed the minimum energy factor requirements of ASHRAE Standard 90.1b-2001 (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** – these products are 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 a 150 PSI Maximum Working Pressure.

RECOVERY CAPACITIES Recovery in U.S. Gallons/Hr. (GPH) and Liters/Hr. (LPH) at various temperature rises											
MODEL NUMBER	INPUT (BTU/HR.) 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)
GPV75-75E-1	75,000	GPH	173	138	115	99	86	77	69	63	58
		LPH	654	523	436	374	327	291	262	238	218

Recovery rating is based on recovery efficiency obtained in an CSA certified laboratory. Recovery rate shown on the rating plate (75%) is in accordance with ANSI Z21.10.1 labeling requirements. This model meets the minimum NAECA energy factor requirements of ASHRAE 90.1b-1992

MAXIMUM DELIVERY Delivery in U.S. Gallons and Liters. (Includes useable storage and recovery for indicated times)															
MODEL NUMBER	CAPACITY		INPUT (BTU/HR.) NATURAL & L.P.	TEMP. RISE	UNITS	5	10	15	20	30	45	60	120	180	Min. to Rec. Contents
	GALLONS	LITERS				Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	Min.	
GPV75-75E-1	75	284	75,000	100 °F	GAL	59	65	71	77	89	107	125	198	271	65
						37.7 °C	LTR	224	246	267	292	337	405	474	

DIMENSIONAL INFORMATION All dimensions in English and Metric units														
MODEL NUMBER	UNITS	A	B	C	D	E	F	G	H	CLEARANCE TO COMBUSTIBLES			APPROX. SHIP. WEIGHT (LBS.)	
										SIDE	FRONT	TOP	STD.	ASME
GPV75-75E-1	inches	69-1/2	60-1/2	26-1/4	14-3/4	3 or 4	11	54-1/2	1	0	3	12	320 lbs.	N/A
	mm	1765	1537	667	375	76 or 102	279	1384	25	0	76	305	145 kgs.	N/A

Maximum and Minimum Vent Lengths:

SEA LEVEL (0-2,000 FT.): 3" VENT*				HIGH ALTITUDE (2,000-7,700 FT.): 3" VENT*				SEA LEVEL TO HIGH ALTITUDE (0-7,700 FT.): 4" VENT*			
NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)	NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)	NUMBER OF 90° ELBOWS WITH VENT TERMINAL	NUMBER OF 45° ELBOWS	MINIMUM PIPE LENGTH REQ. (FT.)	MAXIMUM PIPE LENGTH (FT.)
One (1)	None	-	40.00	One (1)	None	-	35.00	One (1)	None	-	55.00
One (1)	One (1)	5.00	37.50	One (1)	One (1)	5.00	32.50	One (1)	One (1)	5.00	52.50
Two (2)	None	-	35.00	Two (2)	None	-	30.00	Two (2)	None	-	50.00
Two (2)	One (1)	-	32.50	Two (2)	One (1)	-	27.50	Two (2)	One (1)	-	47.50
Three (3)	None	-	30.00	Three (3)	None	-	25.00	Three (3)	None	-	45.00
				Three (3)	One (1)	-	22.50	Three (3)	One (1)	-	42.50

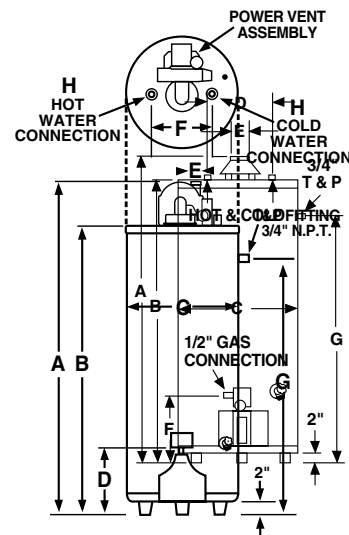
* For the 3" and 4" vent, one 90° elbow is approximately equal to 5 feet of pipe. One 45° elbow is approximately equal to 2.5 feet of pipe.

Recommended Specifications:

Water heater(s) shall be model GPV75-75-1, manufactured by RHEEM-RUUD, having gas input of 75,000 Btu/hr. 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 AGA/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 Standard 90.1b-2001. 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 with a cast iron burner. Water Heater shall have a spark-to-pilot 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.

Limited Warranty:

This product features a three year limited warranty against tank leaks. Please refer to Commercial Warranty Information brochure for complete warranty information.



COMMERCIAL WATER HEATERS

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