



**75 Gallon (284 litre)
Capacity**

**Vents Up To
45 Feet (13.7m) Using
3" PVC/CPVC Pipe**

**And Up To
95 Feet (29m) Using
4" PVC/CPVC Pipe**



75 Gallon Tank Models

► 75,000 BTUH Natural and 70,000 BTUH for LP

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.

Guardian System™

- Air/fuel shut-off system offers double protection
- Maintenance free – no filter to clean



Flammable Vapor Detection Sensor

- Protective control system that disables the heater in the presence of flammable vapor accumulation



Flexible Venting Options

- Long venting lengths up to 95 feet (29m)
- PVC or CPVC vent pipe options – certified to ULC-S636
- Vertical or horizontal termination

New Quiet Blower

- Less noise than ever before

Self-Diagnostic System

- Integrated self-diagnostic system control takes the guess work away

when service is required

Environmentally Friendly Burner

- Low NOx design for low nitrous oxide emissions

High Altitude Compliant

- Certified for applications up to 7,700 feet (2,347m) above sea level

Longer Life

- Patented magnesium anode rod design incorporates a special resistor that protects the tank from corrosion
- Provides longer tank life than using standard magnesium anode rods

Additional Features

- Durable silicon nitride hot surface ignitor
- Standard 110 VAC electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements
- **Durable full port, full flow brass drain valve**
- **Factory installed temperature and pressure relief valve**
CSA/ASME

Certifications and Ratings:

- **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).
- **Safety and construction** – these models are design certified by CSA Laboratories: a) To meet all safety and construction requirements of ANSI Z21.10.3/CSA 4.3 b) As an automatic storage water heaters. c) For operation on combustible floors, in alcove, or closet installations. d) For combination water heating and space heating applications. All models are certified for a 150 PSI (1,034 KPa) 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)
GPVW75-75FV-2	75,000	GPH	173	138	115	99	86	77	69	63	58
		LPH	654	523	436	374	327	291	262	238	218
GPVW75-75PFV-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		INPUT (BTU/HR.) 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.	
GPVW75-75FV-2	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	750	1027	
GPVW75-75FV-2	75	284	70,000	100 °F	GAL	58	63	68	74	84	100	117	182	246	70
				37.7 °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. SHIP. WEIGHT
GPVW75-75(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					4" VENT PIPE				
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.)	
			MAX. ALTITUDE					MAX. ALTITUDE	
			0 - 2,000 FT.	2,001 - 7,700 FT.				0 - 7,700 FT.	
One (1)	None	5.0	45	35	One (1)	None	5.0	95.0	
One (1)	One (1)	5.0	42.5	32.5	One (1)	One (1)	5.0	92.5	
Two (2)	None	-	40	30	Two (2)	None	-	90.0	
Two (2)	One (1)	-	37.5	27.5	Two (2)	One (1)	-	87.5	
Three (3)	None	-	35	25	Three (3)	None	-	85.0	
					Three (3)	One (1)	-	82.5	

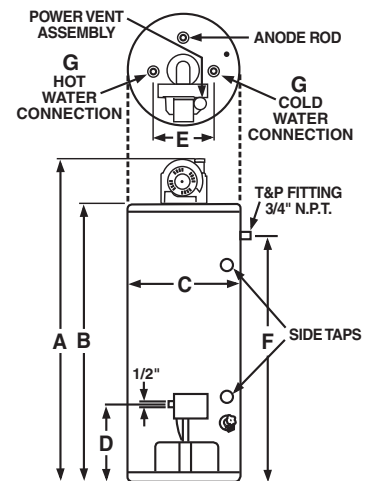
For the 3" and 4" vent, one 90° elbow is equivalent to 5 feet of pipe. One 45° elbow is equivalent to 2.5 feet of pipe.

Recommended Specifications:

Water heater(s) shall be model GPVW75-75FV-2, 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 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 (1,034 KPa), including a pressure regulator properly adjusted for operation on _____ gas. Water Heater shall have a hot surface ignition system. Controls will be designed for safety shutoff in event of main burner 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.



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