



COMMERCIAL

DESIGNED WITH YOU IN MINDSM

POWERVENT GAS WATER HEATER 75,000 BTU/HR.

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, apartment 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.

SPARK-TO-PILOT IGNITION SYSTEM – Provides reliable and energy saving ignition sequencing by igniting the pilot only when the thermostat calls for heat.

MODULAR 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 heater 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 120 volt, 11 foot power cord.

DURABLE BRASS DRAIN VALVE

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-1992 (Part of the Federally mandated Energy Policy Act (EPact)). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

SAFETY AND CONSTRUCTION – These products are design certified by the American Gas Association Laboratories: a) For operation at 180°F. b) To meet all safety and construction requirements of ANSI Z21.10.1 c) As an automatic storage water heater. d) For operation on combustible floors, in alcove, and closet installations. e) For combination water heating and space heating applications.

CERTIFIED FOR A 150 PSI MAXIMUM WORKING PRESSURE.

75 GALLON CAPACITY
VENTS UP TO 45 FEET
USES 3" SCHEDULE 40 PVC, CPVC OR
ABS PIPE



TEMPERATURE AND PRESSURE RELIEF VALVE – AGA rated and factory supplied with each water heater.

RECOVERY CAPACITIES

MODEL NUMBER	INPUT BTU/HR. NATURAL & L.P.	TEMPERATURE RISE - DEGREES F - GALLONS PER HOUR										
		40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
GPV75-75E	75,000	173	138	115	99	86	77	69	63	58	53	49

Recovery rating is based on a recovery efficiency obtained in an AGA 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 (in gallons) (Includes useable storage and recovery for indicated times)

MODEL NUMBER	GALLON CAPACITY	INPUT BTU/HR. NATURAL & L.P.	TEMP. RISE	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	45 MIN.	1 HR.	2 HR.	3 HR.	MIN. TO RECOVER CONTENTS
GPV75-75E	75	75,000	100°	58	64	70	76	87	104	122	191	260	65

DIMENSIONAL INFORMATION (All dimensions shown in inches)

MODEL NUMBER	A	B	C	D	E	F	G	H	APPROX. SHIPPING WEIGHT (LBS.)
GPV75-75E	68	60-1/2	26-1/4	9-5/8	3	11	1/2	53-15/16	330

ELECTRICAL CHARACTERISTICS

MODEL NUMBER	RATED VOLTAGE	RATED AMPS	MAX VENT
GPV75-75E	120	5	45 FT.

Note - Max vent length based on total length of straight vent pipe plus 5 feet for each 90 degree elbow and 2.5 feet for each 45 degree elbow.

CLEARANCES TO COMBUSTIBLES

MODEL NUMBER	REAR & SIDES	TOP	FRONT
GPV75-75E	0"	12"	1"

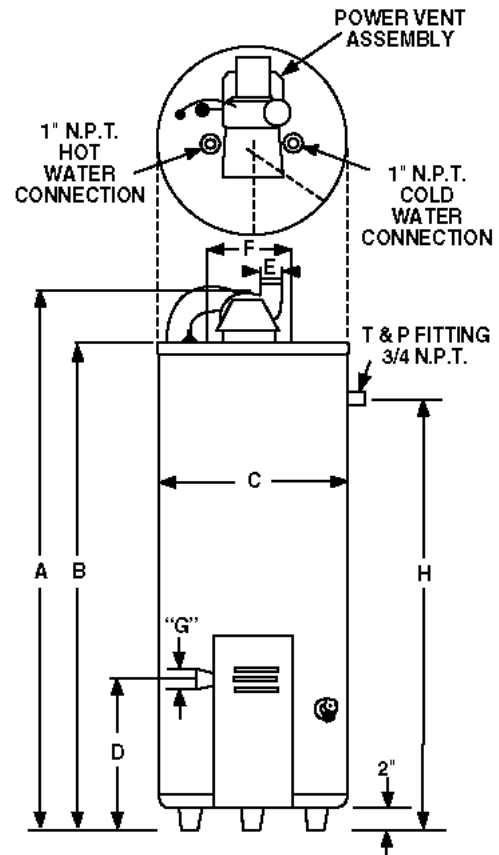
Allow a minimum of 10" front clearance for servicing.

RECOMMENDED SPECIFICATIONS

Water heater(s) shall be model GPV75-75E, 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 AGA seal of certification with a factory supplied AGA 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-1992. 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.



Rheem **RUUD** **COMMERCIAL**

DESIGNED WITH YOU IN MINDSM

RHEEM MANUFACTURING COMPANY, WATER HEATER DIVISION • 101 BELL ROAD, P.O. BOX 244020, MONTGOMERY, ALABAMA 36124-4020

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