

# PERFORMANCE<sup>®</sup>



The new degree of comfort.<sup>®</sup>

## PERFORMANCE<sup>®</sup> High Demand Power Vent gas water heater offers a larger capacity and flexible venting options

### Performance

- Recovery Capacity: 72.8 gallons at a 100° F rise\*\*

### Self-Diagnostic System

- Electronic diagnostic gas control valve for improved monitoring and service



### Low Emissions

- Eco-friendly burner, low NOx design

### Features

- Uses indoor air for combustion; blower exhausts the flue gases
- Standard 110 VAC electrical connection
- New whisper quiet blower

### Maintenance Free Burner System

- Exclusive air/fuel shut-off device
- Maintenance free – no filter to clean
- Disables the heater in the presence of flammable vapor accumulation



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

### Flexible Venting Options

- Long venting lengths up to 100 equivalent feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

### Longer Life

- Patented anode rod design provides long-lasting tank protection

### High Altitude Compliant

- All models are certified for applications up to 8,500 feet above sea level

### Plus...

- Temperature and pressure relief valve included
- Low lead compliant
- Durable Silicon Nitride Ignitor (HSI)

### Warranty

- 6-Year limited warranty for tank and parts, 1-year full in-home labor warranty\*

\*See written warranty for complete details

**Efficiency** | All models tested according to ANSI test procedures, and meet or exceed the thermal efficiency and standby loss requirements of current ASHRAE standard (EPact). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

**Safety and Construction** | Design certified by CSA: For operation at 160 degrees; meets all safety and construction requirements of ANSI Z21.10.3; as an automatic storage or instantaneous water heater; as an automatic circulating tank water heater; and for operation on combustible floors and in alcove installations. All models are North Carolina Code compliant. **Certified for 150 PSI maximum working pressure (160 PSI for ASME models).**



PERFORMANCE  
High Demand Power Vent  
75-Gallon Capacity  
75,100 BTU/h



See specifications chart on back.



The new degree of comfort.

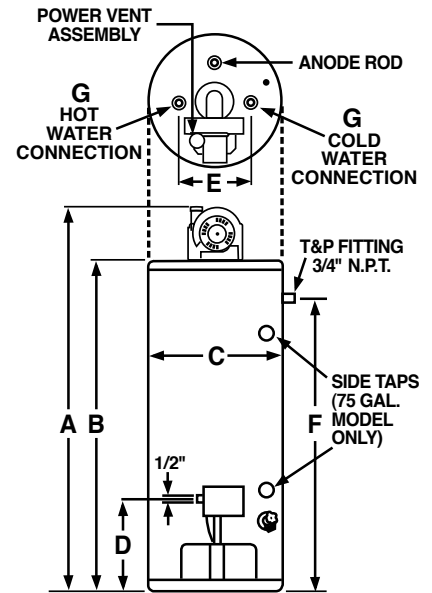
# PERFORMANCE<sup>®</sup> High Demand Power Vent Specifications

Fuel Type	Description	Nominal Gallon Capacity	Rated Gallon Capacity	Model Number	Gas Input in Thous. BTU/h	Recovery in G.P.H. 100° F Rise**	First Hour Delivery G.P.H.	Ht. to Top of Assembly A	Tank Height B	Diam. C	Ht. to Gas Conn. D	Water Conn. Center E	Ht. to Side T&P Valve F	Water Conn. Size G	Ship Weight (LBS)	Uniform Energy Factor (UEF)
Natural Gas	Tall	75	73	XG75T06PV76U0	75.1	72.8	110	71-7/8	60-1/4	26-1/4	14-1/2	11	53-1/4	1	330	0.59
Liquid Propane	Tall	75	73	XP75T06PV76U0	75.1	72.8	110	71-7/8	60-1/4	26-1/4	14-1/2	11	53-1/4	1	330	0.59

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

\*\*Recovery Capacity is based upon a 100° F water temperature rise and calculated per ANSI Z21.10.3 standards.

- 160° F Max. temperature setting.
- Features side water connections for space heating applications.



## Maximum and Minimum Vent Lengths for 3" and 4" Vents

From Sea level through 2,000 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.

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