

POWER DIRECT VENT FROM RUUD

Long Vent Runs?

No problem.

Power Direct Vent

- Designed for energy-savings in today's tightly constructed new homes
- Draws combustion air from outside the home
- ENERGY STAR® 0.67 EF

Vent runs up to

100 feet!

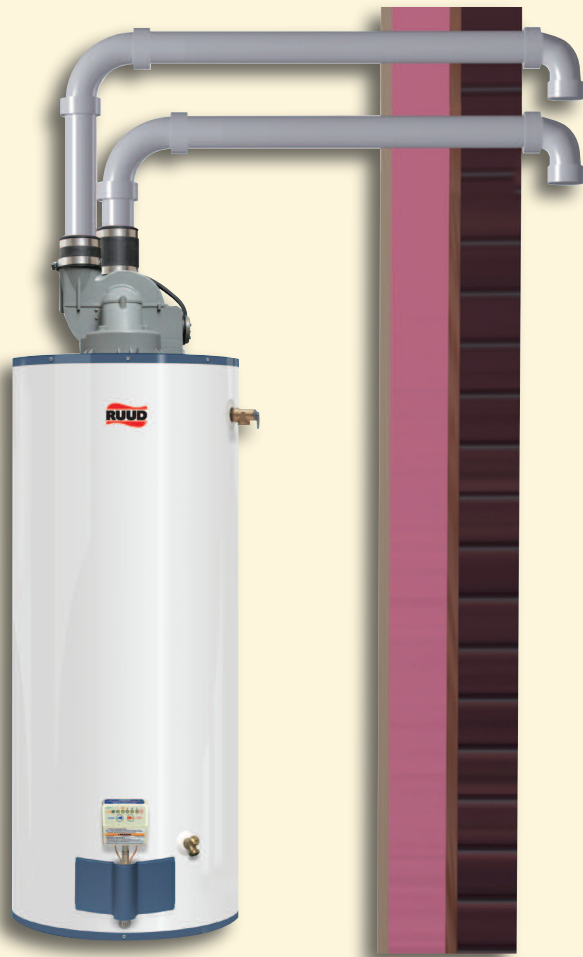


Residential water heaters
from Ruud



Rely on Ruud™

POWER DIRECT VENT *Induced Draft Water Heaters*



Ruud Unveils Power Direct Vent Water Heaters That Meet ENERGY STAR® Requirements For Efficiency

Ruud PDV Water Heaters avoid negative air pressure issues by drawing combustion air from outside the home. Built-in blower cools exhaust gases, permitting longer vent runs with plastic pipe, enhancing placement flexibility.



Efficient

- Energy factors as high as 0.67

FVIR Compliant

- 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 100 feet
- PVC, ABS, or CPVC vent pipe options
- Vertical or horizontal termination

Self-Diagnostic System

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

Environmentally Friendly Burner

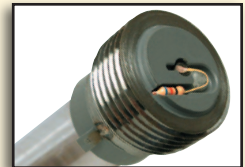
- 40ng/J compliant NOx design for low nitrous oxide emissions

High Altitude Compliant

- Models are certified for applications up to 10,200 feet above sea level

Self-Cleaning

- EverKleen™ patented system fights sediment build-up
- Reduces fuel costs
- Provides more hot water



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

6-Year Limited Tank and Parts Warranty

- See Residential Warranty Information Brochure for complete warranty information.

Plus...

- Durable silicon nitride ignitor (HSI)
- Standard 110 volt electrical connection
- Exceeds National Appliance Energy Conservation Act (NAECA) and ASHRAE requirements

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.		
TYPE	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/HR.		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.	HT. TO TOP OF VENT A	HT. TO TOP OF AIR INLET B	TANK HT. C	DIAM. D	HT. TO GAS CONN. E	WATER CONN. CNTR. F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COSTS NAT. GAS
			NAT.	LP	NAT.	LP												
TALL	40	RU PDV40	40	38	40.4	38.4	73	68-1/2	69-1/4	60-1/4	19-3/4	14	8	53-3/4	3/4	180	0.67	\$272
	50	RU PDV50	40	40	40.4	40.4	93	67-5/8	67-7/8	59-3/8	21-3/4	14	8	52-3/4	3/4	205	0.67	\$272
	50	RU PDV50-65	65	-	65.7	-	111	67-5/8	68-3/8	59-3/8	21-3/4	14	8	52-3/4	3/4	210	0.62	\$294

- Specify LP gas when ordering. Add "P" suffix to the model number. Example RU PDV40P.
- RU PDV50-65 model features side water connections for space heating applications.

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.

AIR-INLET AND VENTING INFORMATION

FROM SEA LEVEL THROUGH 5,999 FT. ABOVE SEA LEVEL

Model	Vent & Combustion Air-Inlet Pipe Dia. (in.)	Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Termination
RU PDV40	2	7	30	90° Elbows
RU PDV40	3	7	60	90° Elbows
RU PDV50	2	7	30	90° Elbows
RU PDV50	3	7	60	90° Elbows
RU PDV50-65	3	7	55	90° Elbows
RU PDV50-65	4	7	100	90° Elbows

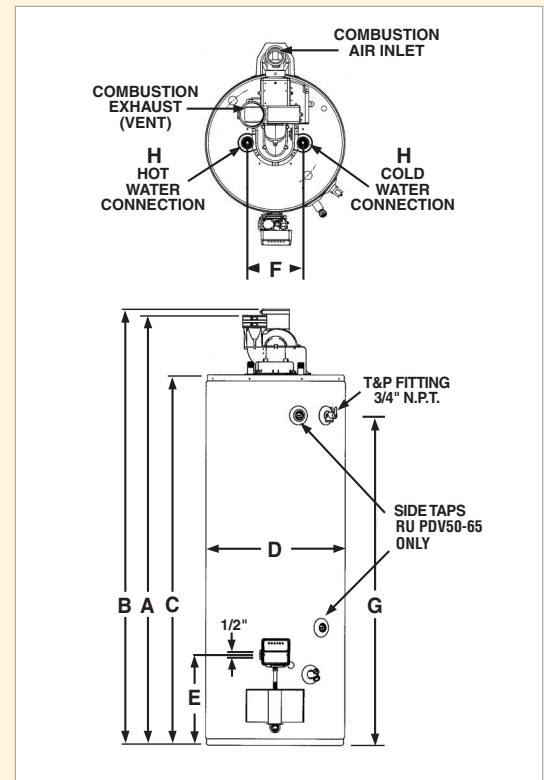
FROM 6,000 FT. ABOVE SEA LEVEL THROUGH 7,700 FT. ABOVE SEA LEVEL

Model	Vent & Combustion Air-Inlet Pipe Dia. (in.)	Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Termination
RU PDV40	2	7	15	90° Elbows
RU PDV40	3	7	60	90° Elbows
RU PDV50	3	7	60	90° Elbows
RU PDV50-65	3	7	55	90° Elbows
RU PDV50-65	4	7	100	90° Elbows

FROM 7,701 FT. ABOVE SEA LEVEL THROUGH 10,200 FT. ABOVE SEA LEVEL

Model	Vent & Combustion Air-Inlet Pipe Dia. (in.)	Min. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Max. Equivalent Acceptable Vent & Combustion Air-Inlet System Lengths (Ft.)	Termination
RU PDV40	2	7	15	90° Elbows
RU PDV40	3	7	60	90° Elbows
RU PDV50	3	7	60	90° Elbows
RU PDV50-65	3	7	40	90° Elbows
RU PDV50-65	4	7	100	90° Elbows

- One 90° elbow is approximately equivalent to 5 feet of pipe.
- One 45° elbow is approximately equivalent to 2.5 feet of pipe.
- Certified for use with co-axial vent. Refer to Use and Care manual for details.



65 gal. (65,000 BTU) and 75 gal. (75,000 BTU) models

INTRO PLANNED FOR 4TH QUARTER 2009

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www.ruud.com



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

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Not all models are available in Canada.

Ruud manufactures residential and commercial heating & cooling and water heating products.

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