

Pacemaker Direct Vent Vertical Water Heaters

Pacemaker direct vent vertical gas water heaters use outside air for combustion, offer longer venting options and a coaxial vent for easy installation

Efficiency

- .59 EF
- Well insulated for reduced stand-by heat loss

Performance

- FHR: 80 gallons for 50-gallon model and up to 66 gallons for 40-gallon model
- Recovery rate is up to 36.4 gallons at a 90 degree rise

Technology

- Adjustable coaxial vent kit allows flexibility of installation and uses outside air for combustion and requires no electrical power
- Internal air tube for reduced footprint

Longer Life

- Patented magnesium anode rod with resistor protects the tank from rust

Guardian System™ & Sensor

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

Plus...

- Brass drain valve and temperature and pressure relief valve are included
- Exclusive Ruudglas® tank lining resists corrosion and prolongs tank life
- Heat saving flue baffle design
- Gas control and combination thermostat
- Piezo ignition

Warranty

- 6-Year limited tank and parts warranty*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year

*See Residential Warranty Certificate for complete information

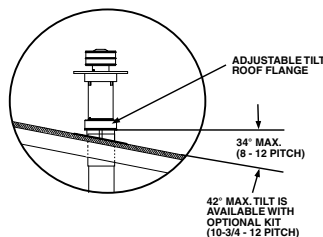
Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.

These units can only be installed with the roof jacks listed below

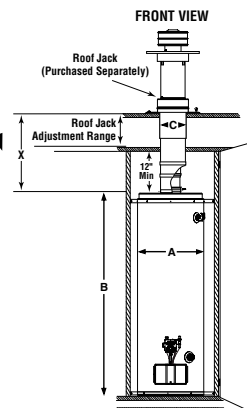
CO-AXIAL ROOF JACK SIZING TABLE

34" MAX. (8 - 12 PITCH) ROOF JACK KIT PART NO.	42" MAX. (10-3/4 - 12 PITCH) ROOF JACK KIT PART NO.	ROOF JACK ADJUSTMENT RANGE (SEE X)
AP14363A	AP14334A	24 - 37"
AP14363B	AP14334B	33 - 68"
AP14363C	AP14334C	45 - 97"
AP14363D	AP14334D	60 - 130"
AP14363E	AP14334E	72 - 160"

Roof Jacks must be ordered separately with this direct vent water heater and installed in accordance with the instructions furnished with the heater. No other roof jack or vertical vent kit is approved for installation with this heater.



**Pacemaker
Direct Vent Vertical**
40 and 50-Gallon Capacities
Up to 36,000 Btu/h
Natural and LP Gas



DESCRIPTION			FEATURES						DIMENSIONS						ALTITUDE RATING	ENERGY INFO.	
TYP	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.		DIAMETER A	TANK HT. B	VENT SIZE C	HT. TO GAS CONN. D	HT. TO SIDE T&P E	SHIP. WT. (LBS)	FEET ABOVE SEA LEVEL NAT. AND LP	ENERGY FACTOR NAT.	AVG. ANN. OPER. COSTS NAT.
TALL	40	PH2DV40F-VX	36	30	36.4	30.3	66	65	19-3/4	59-3/4	5	14-1/4	51-5/8	155	7,700	0.59	\$309
	50	PH2DV50F-VX	36	32	36.4	32.3	80	80	21-3/4	59-1/2	5	14-1/4	52-1/2	165	7,700	0.59	\$309

Specify LP gas when ordering. Add "PF" suffix to the model number. Example PH2DV40PF-VX

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.

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