Pacemaker Powered Damper Water Heaters



The energy efficient Pacemaker powered damper gas water heaters meet or exceed the latest ENERGY STAR® requirements

Efficiency

 .67 - .69 EF meet or exceed ENERGY STAR® Phase II requirements, Sept. 2010

Performance

- FHR: 68 89-gallons
- Recovery rate is up to 50.5 gallons at a 90 degree rise, depending on model

Self-Diagnostic System

 Integrated system control for easy installation and service

Low Emissions

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

Technology

- 24 VAC flue damper, 110 VAC outlet required
- Includes 19-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

What is a Powered Damper?

The 24-volt powered flue damper is positioned atop the unit. It opens and closes automatically in response to gas-burner activity. When the combustion stops, it signals the damper to close, trapping the heat inside the flue and delivering more heat to the water.

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

Longer Life

 Patented magnesium anode rod with resistor protects the tank from rust

High Altitude Compliant

 Certified to 10,100 ft. above sea level (50-gallon 50K Btu/h model certified to 5,999 feet above sea level)

Plus...

- Dual certified for both potable water and space heating
- Brass drain valve and temperature and pressure relief valve are included
- Standard replacement parts

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.



Pacemaker

Powered Damper 38, 40 and 50-Gallon Capacities Up to 50,000 Btu/h Natural and LP Gas

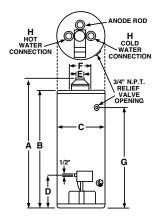












		DESCRIPTION		FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
T Y P E	GAL. CAP.	MODEL NUMBER	GAS IN THOUS. NAT.		RECOV G.P.H. 9 NAT.		FIRST HOUR DEL. G.P.H. NAT.	HT. TO VENT A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CNTR. F	HT. TO SIDE T&P G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COST NAT.	
T A	38	P40E2	40	36	40.4	36.4	68	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.69	\$264	
	50	P50E2	40	36	40.4	36.4	84	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.67	\$272	
Ĺ	50	P50-50E2	50	-	50.5	_	87	63-1/2	58	21-3/4	14	4	8	52-1/2	3/4	160	0.67	\$272	
SHORT	40	P40SE2	40	36	40.4	36.4	72	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	\$272	
	50	P50SF2	40	36	40.4	36.4	89	55-1/2	50-1/2	23-3/4	14	3 or 4	a	44	3/4	160	0.67	\$272	

Specify LP gas when ordering. Add "P" suffix to the model number. Example: P40PE2.

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.