



Pacemaker® heavy duty gas water heaters feature the Guardian System – engineered to exceed ANSI standards for flammable vapor ignition resistance

Efficiency

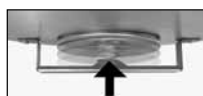
- .49 - .58 EF

Performance

- FHR: Up to 135-gallons for natural gas, up to 125-gallons for LP gas
- Recovery: Up to 75.8 gallons for natural gas, up to 65.7 gallons for LP gas at a 90 degree rise

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



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

Self-Cleaning

- 48, 60 & 63 gallon models only
- EverKleen™ patented system fights sediment build-up
- Reduces fuel costs
- Fights sediment build-up

Easy to Light

- Piezo Ignitor - no matches required

Low Emissions

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

Longer Life

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

High Altitude Compliant

- All models are certified for applications up to 7,700 feet above sea level
- Some models are certified up to 10,200 feet above sea level (check factory for listings)

Plus...

- Brass drain valve and temperature and pressure relief valve are included
- Side water connections for space heating applications for 48, 63, 75 and 98-gallon models
- 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.

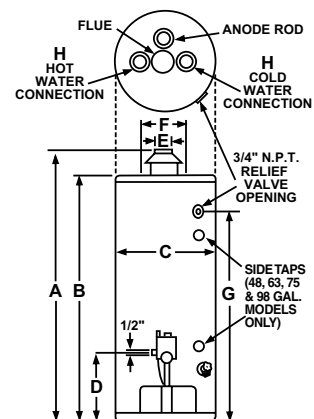


Pacemaker Heavy Duty

48, 60, 63, 75 and 98-Gallon Capacities
Up to 75,100 Btu/h
Natural and LP Gas



Formerly GAMA



DESCRIPTION			FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.	
T Y P E	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.		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.	
			NAT.	LP	NAT.	LP	NAT.	LP												
T A L L	48	PH2-50-65F	65	48	65.7	48.5	98	88	62-1/2	58-1/2	21-3/4	14	4	11	51-3/4	3/4	180	0.58	\$315	
	60	PH2-60F	50	45	50.5	45.5	107	107	62	58	23	13-1/4	4	8	48-1/2	3/4	180	0.56	\$326	
	63	PH2-65F	65	50	65.7	50.5	115	110	65	61-1/4	23	14	4	11	54-3/4	3/4	225	0.55	\$332	
	75	PH2-75F	75.1	65	75.8	65.7	141	109	64	60	26-1/4	14-3/4	4	11	53-1/4	1	320	0.53 ¹	N/A	
	98	P100F	75	65	75.8	65.7	135	125	67-3/4	64	27-1/4	14-3/8	4	11	57-3/16	1	350	0.49	\$372	

¹Energy Factor for 75 gallon LP model. Specify LP gas when ordering. Add "P" suffix to the model number. Example: P100PF.

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.