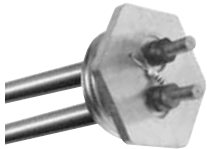




The Pacemaker electric water heater line is engineered for longer life – resistored heating elements and premium grade anode rod

Efficiency

- .85 - .95 EF
- Isolated tank design reduces conductive heat loss
- High efficiency resistored heating element for added protection to prolong anode rod and tank life



Performance

- FHR: 42 - 99 gallons, based on gallon capacity
- Recovery rate is 21 gallons at a 90 degree Fahrenheit rise**

High Efficiency Models Feature

- High performance and lower operating cost
- Compliant with many electric utility incentive programs
- Anode rod equalizes aggressive water action and prolongs the life of the water heater



- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations
- Automatic thermostat keeps water at desired temperature

Plus...

- EverKleen™ self cleaning device fights harmful sediment build-up with a high-velocity spiraling water stream – helps operating efficiency by saving energy, money and improving tank life



- Brass drain valve
- Temperature and pressure relief valve included

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

20 to 120-Gallon Capacities
240 Volt AC/Single Phase
Double and Single Element Models
Electric



†LEED Point = 1

See dimensions chart on back.

Pacemaker Water Heaters



T Y P E	DESCRIPTION		FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.	
	GAL. CAP.	MODEL NUMBER	FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. @ 90° RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	ENERGY FACTOR	AVERAGE ANNUAL OPER. COST
T A L L	30	PE2-30-2	48	21	45-3/4	45-3/4	17-3/4	80	0.93	\$503
	40	PE3R-40-2†	56	21	46-3/4	46-3/4	22-1/4	104	0.95	\$492
	40	PE2-40-2	53	21	46-1/2	46-1/2	19-3/4	95	0.92	\$508
	40	PE2H-40-2	57	21	59-1/4	59-1/4	17-3/4	96	0.92	\$508
	50	PE3R-52-2†	67	21	57	57	22-1/4	123	0.95	\$492
	50	PE2-52-2	67	21	57	57	19	107	0.91	\$514
	65	PE3R-66-2†	71	21	58-3/4	58-3/4	23	160	0.92	\$508
	65	PE2-66-2	71	21	58-1/2	58-1/2	21	150	0.89	\$525
	80	PE3R-80-2†	88	21	59	59	24-1/2	181	0.92	\$508
	80	PE2-80-2	88	21	59	59	23	177	0.86	\$544
	120	PE2-120-2	99	21	62-1/2	62-1/2	28-1/4	324	0.85	\$550
M E D.	30	PE2M-30-2	44	21	36	36	19-3/4	80	0.93	\$503
	50	PE3MR-52-2†	62	21	46	46	24-1/4	128	0.93	\$503
	50	PE2M-52-2	62	21	46	46	21-3/4	117	0.90	\$520
S H O R T	20	PE2S-20-2	—	21	31-1/2	31-1/2	17	62	N/A	N/A
	30	PESB30-2*	42	21	30	30	19-3/4	90	0.93	\$503
	30	PE2S-30-2	42	21	30	30	22-1/4	83	0.93	\$503
	38	PE2S-40-2	45	21	31-1/2	31-1/2	23	108	0.92	\$508
	38	PESB-40-2*	45	21	31-1/2	31-1/2	23	108	0.93	\$503
	47	PE2S-50-2	55	21	32	32	26-1/4	149	0.91	\$514

*Water heater dimensions prior to installing insulation blanket that is included with water heater.

PESB30-2 - The insulation blanket adds 1-1/2 inches to tank height and 3 inches to tank diameter.

PESB40-2 - The insulation blanket adds 1 inch to tank height and 2 inches to tank diameter.

- Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.
- **If heating elements of different wattages than those shown are demanded by zone requirements, they must be specifically requested.**
- Single element models available on special order (6000W max.). Substitute "-1" for "-2" in model number.
- Special Wiring Options - A limited number of special wiring options are available. Consult factory for price and availability.
- All models equipped with heat traps.

**Recovery = wattage/2.42 x temp. rise °F.
Example: $\frac{4500W}{2.42 \times 90^\circ} = 21 \text{ GPH}$

**Recovery calculations used are based on 4500 watt elements used in non-simultaneous operation.

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate electricity 10.65¢/KWH.

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



†LEED Point = 1

