

# Pacemaker Electric

## Efficiency

- 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

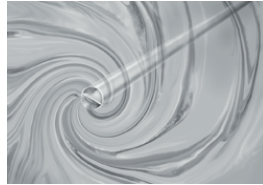
- High performance and lower operating cost
- Exclusive Ruudglas tank lining resists corrosion
- ASME rated temperature and pressure relief valve
- R-Foam Cyclopentane insulation for superior heat retention
- Maximum tank working pressure of 150 PSI (10 BARS)
- Factory tested @ 300 PSI
- Anode rod equalizes 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...

- Available models with 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
- Stainless Steel or Incoloy heating elements available

## Warranty

- 6-Year limited tank and 2) years parts warranty\*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year



## Pacemaker

30 to 120-Gallon Capacities 240 Volt AC/Single Phase  
or  
400, 415 & 480 Volt AC/Three Phase Double and Single Element Models Electric

. Available in Simultaneous and Non-Simultaneous heating elements



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Saudi Standards, Metrology and Quality Org.



هيئة الإمارات للمواصفات والمقاييس  
Emirates Authority For Standardization & Metrology

Model No.	Insulation Thickness (In.)
PE2-30	1.875
PE2-40	1.875
PE2-52	1.500
PE2-66	1.500
PE2-80	1.500
PE2-120	2.125

**See dimensions chart on back.**



Wattage Limitation	230V	240V	400V	415V	480V
2500	NO	YES	NO	YES	NO
3000	YES	YES	NO	YES	NO
4500	YES	YES	YES	YES	YES
5000	YES	YES	YES	YES	YES
6000	NO	YES	YES	YES	YES

DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)			
TYPE	GAL. CAP.	MODEL NO.	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)
T A L L	30	PE2-30- 2	48	21	45-3/4	45-3/4	17-3/4	80
	40	PE3R-40- 2†	56	21	46-3/4	46-3/4	22-1/4	104
	40	PE2-40- 2	53	21	46-1/2	46-1/2	19-3/4	95
	40	PE2H-40- 2	57	21	59-1/4	59-1/4	17-3/4	96
	50	PE3R-52- 2†	67	21	57	57	22-1/4	123
	50	PE2-52- 2	67	21	57	57	19	107
	65	PE3R-66- 2†	71	21	58-3/4	58-3/4	23	160
	65	PE2-66- 2	71	21	58-1/2	58-1/2	21	150
	80	PE3R-80- 2†	88	21	59	59	24-1/2	181
	80	PE2-80- 2	88	21	59	59	23	177
M E D	120	PE2-120- 2	99	21	62-1/2	62-1/2	28-1/4	324
	30	PE2M-30- 2	44	21	36	36	19-3/4	80
	50	PE3MR-52- 2†	62	21	46	46	24-1/4	128
S H O R T	50	PE2M-52-2	62	21	46	46	21-3/4	117
	30	PE2SB-302*	42	21	30	30	19-3/4	90
	30	PE2S-30-2	42	21	30	30	22-1/4	83
	38	PE2S-40-2	45	21	31-1/2	31-1/2	23	108
	38	PE2SB-40-2*	45	21	31-1/2	31-1/2	23	108
47	PE2S-50-2	55	21	32	32	26-1/4	149	

Water heater dimensions prior to installing insulation blanket that is included with water heater.  
 PE1SVB30-2 - The insulation blanket adds 1-1/2 inches to tank height and 3 inches to tank diameter.  
 PE2SVB40-2 - 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.
- PI j b models ^ϕ 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

