



The new degree of comfort.™

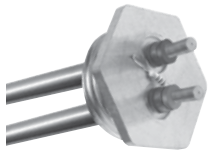


Residential Electric
Professional Classic Water Heaters

Professional Classic® electric water heaters are engineered for longer life – resisted heating elements and premium grade anode rod

Efficiency

- .95 EF
- Isolated tank design reduces conductive heat loss
- Resistored copper upper element and resistored Lifeguard™ stainless steel lower element to prolong anode rod and tank life



Performance

- FHR: 42 - 71 gallons, based on gallon capacity
- Recovery: 21 GPH at a 90° F rise

System Sentinel

(Available on selected models)

- Exclusive diagnostic system with glowing LEDs that verify heating element operation. LEDs pin point the exact location of functioning or non-functioning heating elements

Longer Life

- Premium grade anode rod provides long-lasting tank protection

Features

- 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



- Enhanced-flow brass drain valve
- Temperature and pressure relief valve included
- HUD certified for manufactured housing and modular construction
- Low lead compliant

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 the AHRI Operations Manual and 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.



Professional Classic
19.9 to 55-Gallon Capacities
240 Volt AC/Single Phase
Double and Single Element Models
Electric



See specifications chart on back.



INTEGRATED HOME COMFORT



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Professional Classic® Specifications

DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.
TYPE	GAL. CAP.	MODEL NUMBER	FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. 90° F RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS)	ENERGY FACTOR
Tall	30	PROE30 T2 RH95 [†]	48	21	47-1/2	50-3/8	19-1/4	92	0.95
Tall	40	PROE40 T2 RH95 [†]	57	21	60-3/4	63-5/8	19-1/4	109	0.95
Tall	50	PROE50 T2 RH95 [†]	67	21	58-5/8	61-5/8	20-1/4	121	0.95
Tall	55	PROE55 T2 RH94 [†]	71	21	57	59-3/4	22-1/4	128	0.94
Med.	30	PROE30 M2 RH95 [†]	44	21	37-1/2	40-1/2	20-1/4	92	0.95
Med.	40	PROE40 M2 RH95 [†]	55	21	48-1/4	50-1/2	20-1/4	106	0.95
Med.	50	PROE50 M2 RH95 [†]	65	21	48	50-1/2	23	132	0.95
Short	19.9	PROE20 S2 RH	-	21	31-1/2	31-1/2	17	62	-
Short	28	PROE28 S2 RH95	42	21	30	31-1/8	23	95	0.95
Short	30	PROE30 S2 RH95 B**	42	21	30-1/8	32	19-3/4	95	0.95
Short	36	PROE36 S2 RH95	45	21	31-1/2	33	24-1/4	118	0.95
Short	38	PROE38 S2 RH95 B**	55	21	31-1/2	32-5/8	23	108	0.95
Short	47	PROE47 S2 RH95 B**	55	21	32	34	26-1/4	149	0.95

Energy Factor based on D.O.E. (Department of Energy) test procedures.

[†] System Sentinel optional. Add EC1 to the end of the model number. System Sentinel not available on single element models, available on dual element models only. System Sentinel not available in excess of 5 kW on 208 V models.

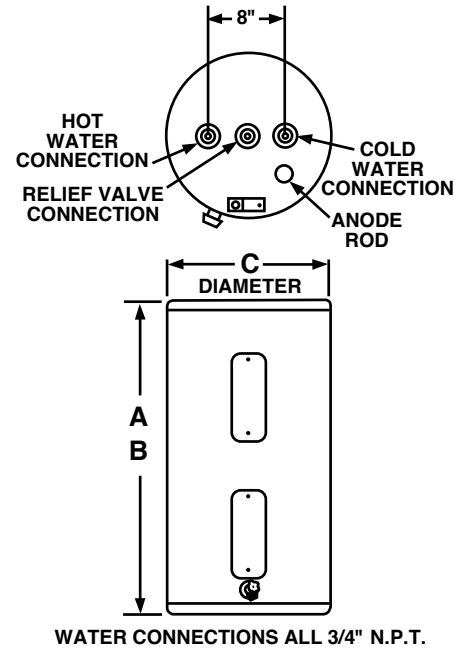
** Water heater dimensions prior to installing insulation blanket that is included with water heater.

- 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.

$$\text{Recovery} = \frac{\text{wattage}}{2.42 \times \text{temp. rise } ^\circ\text{F.}}$$

Example: $\frac{4500\text{W}}{2.42 \times 90^\circ} = 21 \text{ GPH}$

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



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

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