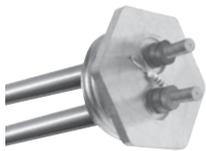




Professional Achiever™ electric water heaters are engineered for longer life – resistored heating elements and premium grade anode rod

Efficiency

- .85 - .93 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 - 99 gallons, based on gallon capacity
- Recovery rate is 21 gallons at a 90 degree Fahrenheit 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

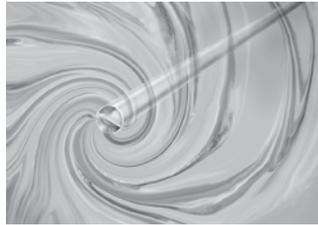
- Ruud exclusive R-Tech (resistored) anode rod provides long-lasting tank protection

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
- 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 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 Achiever

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



See dimensions chart on back.



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 2 RU93	48	21	45-3/4	45-3/4	17-3/4	80	0.93
Tall	30	PROE30 2 RU93 EC1†	48	21	45-3/4	45-3/4	17-3/4	80	0.93
Tall	40	PROE40 2 RU92	53	21	46-1/2	46-1/2	19-3/4	95	0.92
Tall	40	PROE40 2 RU92 EC1†	53	21	46-1/2	46-1/2	19-3/4	95	0.92
Tall	40	PROE40 T2 RU92	57	21	59-1/4	59-1/4	17-3/4	96	0.92
Tall	40	PROE40 T2 RU92 EC1†	57	21	59-1/4	59-1/4	17-3/4	96	0.92
Tall	50	PROE50 2 RU91	67	21	57	57	19	107	0.91
Tall	50	PROE50 2 RU91 EC1†	67	21	57	57	19	107	0.91
Tall	65	PROE65 2 RU89	71	21	58-1/2	58-1/2	21	150	0.89
Tall	80	PROE80 2 RU86	88	21	59	59	23	177	0.86
Tall	119	PROE120 2 RU85	99	21	62-1/2	62-1/2	28-1/4	324	0.85
Med.	30	PROE30 M2 RU93	44	21	36	36	19-3/4	80	0.93
Med.	50	PROE50 M2 RU90	62	21	46	46	21-3/4	117	0.90
Med.	50	PROE50 M2 RU90 EC1†	62	21	46	46	21-3/4	117	0.90
Short	20	PROE20 S2 RU	-	21	31-1/2	31-1/2	17	62	N/A
Short	30	PROE30 S2 RU93 B*	42	21	30	30	19-3/4	90	0.93
Short	30	PROE30 S2 RU93	42	21	30	30	22-1/4	83	0.93
Short	38	PROE38 S2 RU92	45	21	31-1/2	31-1/2	23	108	0.92
Short	38	PROE38 S2 RU93 B*	45	21	31-1/2	31-1/2	23	108	0.93
Short	47	PROE47 S2 RU91	55	21	32	32	26-1/4	149	0.91

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

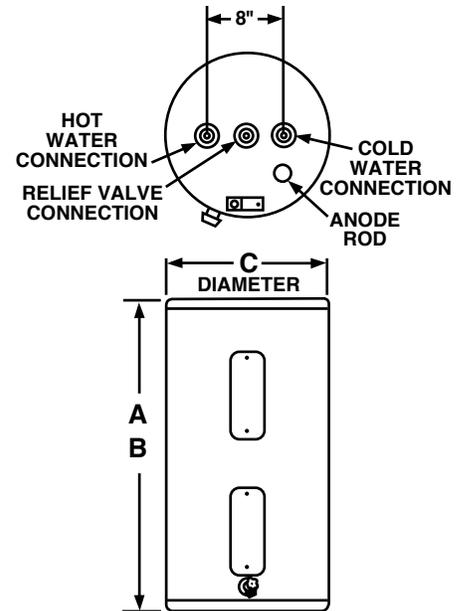
*Water heater dimensions prior to installing insulation blanket that is included with water heater. PROE30 S2 RU93 B - The insulation blanket adds 1-1/2 inches to tank height and 3 inches to tank diameter. PROE38 S2 RU93 B - The insulation blanket adds 1 inch to tank height and 2 inches to tank diameter.

† With System Sentinel. 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.

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



WATER CONNECTIONS ALL 3/4" N.P.T.

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