



The new degree of comfort®



Residential Electric
Professional *Classic* Demand
Response Ready Water Heaters

Professional *Classic*® Electric Demand Response Ready high efficiency water heaters are engineered for longer life and connection to utility demand response programs for energy savings

Efficiency

- .92 - .93 UEF
- Dual 4500 and 5500 watt copper heating elements

Performance

- FHR: 51 - 72 gallons, based on gallon capacity
- Recovery: 17 to 21 GPH at a 90° F rise, depending on model***

Longer Life

- Premium grade anode rod provides long-lasting tank protection

Features

- User friendly interface on unit to easily adjust set temperature
- Error code functionality triggers an audio alert to help prevent potential water heater downtime
- Offers self-diagnostic control systems with LED lights indicating service is needed
- Demand response ready EcoPort™ (CTA-2045 port) is built in for easy connect to utility demand response programs
- High performance and lower operating cost
- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations

Easy to Install and Service

- Durable brass drain valve helps drain the tank faster to reduce time on the job

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



- 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.



Professional *Classic* Electric Demand Response Ready

36 - 55-Gallon Capacities
240 Volt AC/Single Phase
Electric



LEED Point = 1

See specifications chart on back.



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Professional *Classic*® Electric Demand Response Ready Specifications

TYPE	DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.
	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	FIRST HOUR RATING (GALLONS)	RECOVERY IN G.P.H. 90° F RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)
Tall	40	36	PROE40 T2 RH CG	55	21	60-3/4	63-5/8	18-1/4	108	0.92
Tall	50	45	PROE50 T2 RH CG	63	21	58-1/2	61-3/4	20-1/4	124	0.92
Tall	55	55	PROE55 T2 RH CG	72	21	57	59-3/4	22-1/4	131	0.92
Med.	40	36	PROE40 M2 RH CG	55	21	48-3/8	50-1/2	20-1/4	109	0.93
Med.	50	45	PROE50 M2 RH CG	63	21	48	50-1/2	22-1/4	131	0.92
Short	38	35	PROE38 S2 RH BCG**	51	21	31-1/2	32-5/8	23	111	0.92
Short	36	33	PROE36 S2 RH CG	51	21	31-1/2	33	24-1/4	121	0.92
Short	47	43	PROE47 S2 RH CG	54	21	32	34	26-1/4	152	0.92

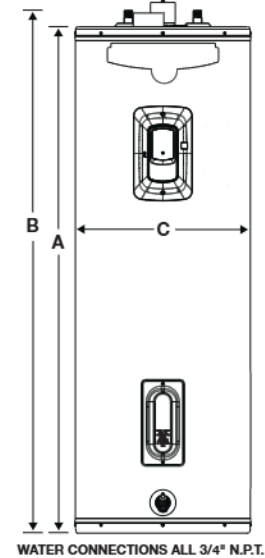
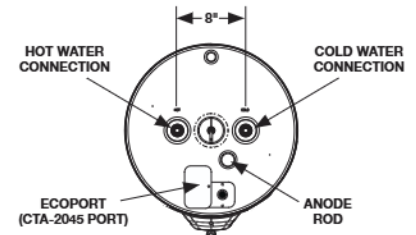
Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

- Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.
- Also available in 5500 watt upper and lower heating elements. If heating elements of different wattages than those shown are demanded, they must be specifically requested.

**Insulation blanket required to achieve UEF value. Water heater dimensions prior to installing insulation blanket. Blanket is included with water heater.

***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.



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



LEED Point - 1

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

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