

Essential Plus[®]

Essential Plus with Demand Response High Efficiency electric water heaters are engineered for longer life and connection to utility demand response programs for energy savings

EFFICIENCY

- .92 - .93 UEF
- Dual 4500 watt stainless steel heating elements

PERFORMANCE

- FHR: 55 - 74 gallons, based on gallon capacity
- Recovery: 21 to 25 GPH at a 90° F rise, depending on model**
- Self cleaning fights sediment build-up to prolong tank life and maintain efficiency and tank capacity

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
- Compliant with many electric utility incentive programs
- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations

PLUS...

- Temperature and pressure relief valve included

WARRANTY

- 9-Year limited tank and parts warranty*

*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.



*Essential Plus with
Demand Response
High Efficiency*
40, 50 and 55-Gallon Capacities
240 Volt AC/Single Phase
Electric



LEED Point = 1

Essential Plus®

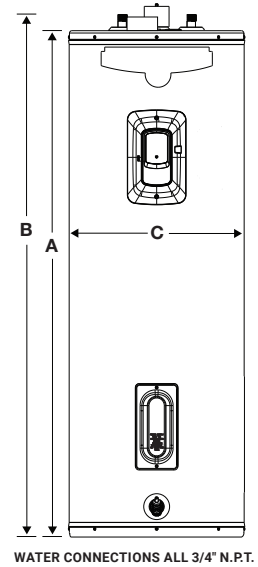
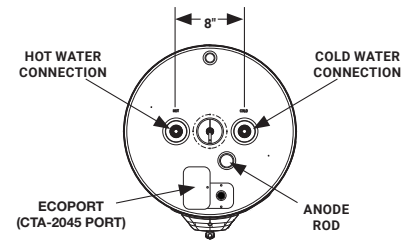
Essential Plus Electric with Demand Response High Efficiency Specifications

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	55	55	9E55-DCG	74	25	57	59-3/4	22-1/4	131	0.92
Tall	50	45	9E50-DCG	63	25	58-1/2	61-3/4	20-1/4	124	0.92
Tall	40	36	9ET40-DCG	55	25	60-3/4	63-5/8	18-1/4	108	0.92
Med.	50	45	9EM50-DCG	63	25	48	50-1/2	22-1/4	131	0.92
Med.	40	36	9EM40-DCG	55	25	48-3/8	50-1/4	20-1/4	109	0.93

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.

**Recovery = wattage / 2.42 x temp. rise °F.
 Example: $\frac{5500W}{2.42 \times 90^\circ} = 25 \text{ GPH}$

**Recovery calculations used are based on 5500 watt elements used in non-simultaneous operation.



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