

# Essential

Essential Point-of-Use electric water heaters feature a space-saving design for installation in limited spaces

## EFFICIENCY

- .90 - .92 UEF for 30-gallon model
- Over-temperature protector cuts off power in excess temperature situations

## FEATURES

- High efficiency single 2000 watt resistored heating element, except 6EP30-D which has dual 4500 watt elements
- Automatic thermostat keeps water at desired temperature
- Wall bracket for easy wall mount installations and corrosion resistant 1/4 turn drain valve included with 2.5-gallon model

## PLUS...

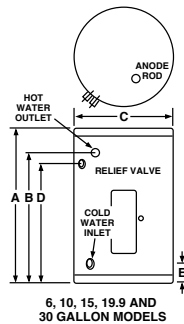
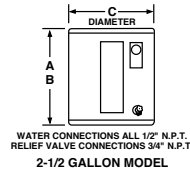
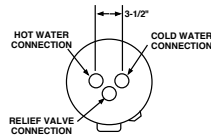
- Temperature and pressure relief valve
- Specially formulated glass lining prevents corrosion and extends the life of the tank
- Meets or exceeds National Appliance Energy Conservation Act (NAECA) requirements
- These units are U.L. listed and comply with Underwriter's Laboratories Specifications 174
- Enhanced-flow brass drain valve on 2.5-gallon model
- Low lead compliant

## WARRANTY

- 6-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.



2.5-Gallon



6, 10, 15, 19.9 and 30-Gallon

*Essential Point-of-Use*  
2.5, 6, 10, 15, 19.9 and 30-Gallon Capacities  
120 Volt AC  
2-Wire Single Phase Electric



DESCRIPTION			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)					ENERGY INFO.		
NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	HEIGHT A	HT. TO HOT WATER OUTLET B	DIAMETER C	HT. TO SIDE T&P VALVE D	HT. TO COLD WATER INLET E	APPROX. SHIP WT. (LBS.)	UNIFORM ENERGY FACTOR (UEF)	ESTIMATED YEARLY ENERGY COST
2.5	-	6EP2-1	14	14	9-3/4	-	-	22	-	
6	-	6EP6-1	15-1/4	12-1/2	15-3/4	11-1/2	4-1/4	36	-	
10	-	6EP10-1	23	20-1/2	15-3/4	19-1/2	4-1/4	46	-	
15	-	6EP15-1	24-1/4	22	17-3/4	21	4-1/2	54	-	
19.9	-	6EP20-1	25-1/4	22-3/4	19-3/4	21-3/4	5	69	-	
30	27	6EP30-S	31-7/8	23-1/8	22-1/4	23	3	91	0.90	
30	25	6EP30-D	31-7/8	23-1/8	22-1/4	23	3	91	0.92	

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements. Not available in 120 volt. Available with 2-wire (single phase) outlet only. (6000 watt max.).

• **2.5 gallon model:** 1/2" N.P.T. inlet and outlet. Relief valve connection 3/4". Available with 120 or 240 volt AC single phase only, 120v (1440w) 240v (1500w). Power cord supplied with 120 volt models only.

• **6 through 30 gallon models:** 3/4" N.P.T. outlet, inlet, anode rod. T&P valve connections. Not available with 3 phase wiring. Water heaters furnished standard with 120 volt AC, 2000 watt single element.

Special wiring options - a limited number of wiring options are available. Consult factory for price and availability.

**CONSTRUCTION DETAILS:** The cold water enters the tank a few inches from the bottom. Both hot and cold water lines may be connected directly to the water heater without special nipples or tees.

The relief valve simply screws into the opening provided.

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