



DAIRY BARN LIGHT-SERVICE COMMERCIAL ELECTRIC WATER HEATER

This 80-gallon electric water heater is equipped with two heating elements, with thermostats that are adjustable up to 181°F, to provide sanitizing hot water required in a dairy barn environment. It is also shipped with a base with 4” legs, to raise the water heater off the floor to simplify and maintain sanitary conditions.

GLASSLINED TANK

- Tank interior is coated with glass specially designed by State for water heater use.

HEATING ELEMENTS

- Two 4.5 KW zinc plated copper sheathed elements are standard.

STANDARD VOLTAGES

- The standard voltage is 240V single phase.

TOP MOUNTED RECESSED JUNCTION BOX

CONTROLS

- Thermostat is adjustable through a range of 140° to 181°F with a manual reset high temperature cutoff. The heater is wired for non-simultaneous single phase operation.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection for longer than standard anode rods.

ENHANCED-FLOW BRASS DRAIN VALVE

- Solid brass, tamper resistant, enhanced-flow, ball type, drain valve.

MAXIMUM WORKING PRESSURE 150 PSI

FACTORY INSTALLED CSA CERTIFIED AND ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE

CERTIFIED TO UL 1453 FOR COMMERCIAL ELECTRIC WATER HEATERS

COMPLIANCE

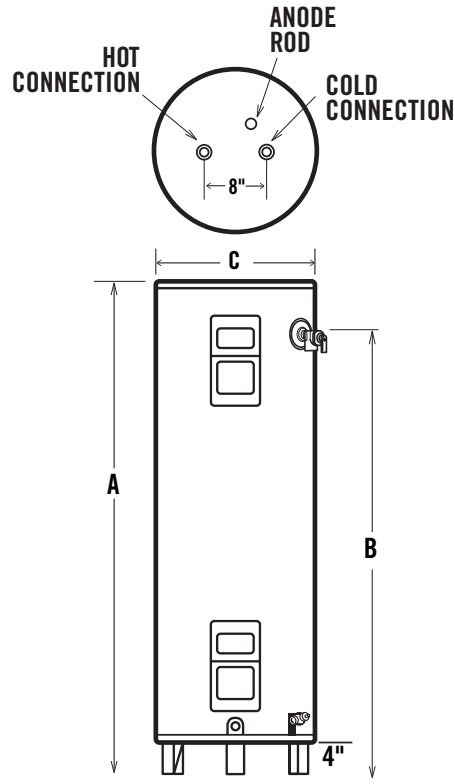
- Meets the standby loss Requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.

WARRANTY

- 3-Year limited tank/1-Year limited parts.
- For complete information consult the written warranty or go to statewaterheaters.com.



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PRODUCT SPECIFICATIONS

Model Number	Gallon Capacity	Standard Element Wattage* 240 VAC	Dimensions in Inches			Approx. Shipping Weight (lbs)
			A	B	C	
PE 82 200T	80	4500	64-1/2	56-1/4	24	187

Inlet and outlet connections: 3/4".

RECOVERY CAPACITIES

Element Wattage (Upper/Lower)	F°	U.S. Gallons/Hr at Temperature Rise Indicated										
		36	40	54	60	72	80	90	100	108	120	126
Non-Simultaneous												
2500/2500	GPH	28	25	19	17	14	13	11	10	9	8	8
4500/4500	GPH	51	46	34	30	25	23	20	18	17	15	14
5000/5000	GPH	56	51	38	34	28	25	23	20	19	17	16
5500/5500*	GPH	62	56	42	37	31	28	25	22	21	19	18
Simultaneous Operation												
4500/4500	GPH	101	91	68	61	51	46	41	36	34	30	29
5000/5000	GPH	113	101	75	68	56	51	45	41	38	34	32
5500/5500*	GPH	123	112	84	75	62	55	51	44	42	37	35

Available in 208 and 240 volts only. Voltage and wattage must be specified when ordering.
 Standard factory wiring is for non-simultaneous operation. Simultaneous operation is optional.
 * 5500 Watts not available in 208 Volts