

### 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 A. O. Smith for water heater use.

#### HEATING ELEMENTS

- Two 6.1 KW zinc plated copper sheathed elements are standard.

#### STANDARD VOLTAGES

- The standard voltage is 240V three phase.

#### TOP MOUNTED 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 hotwater.com.



## PRODUCT SPECIFICATIONS

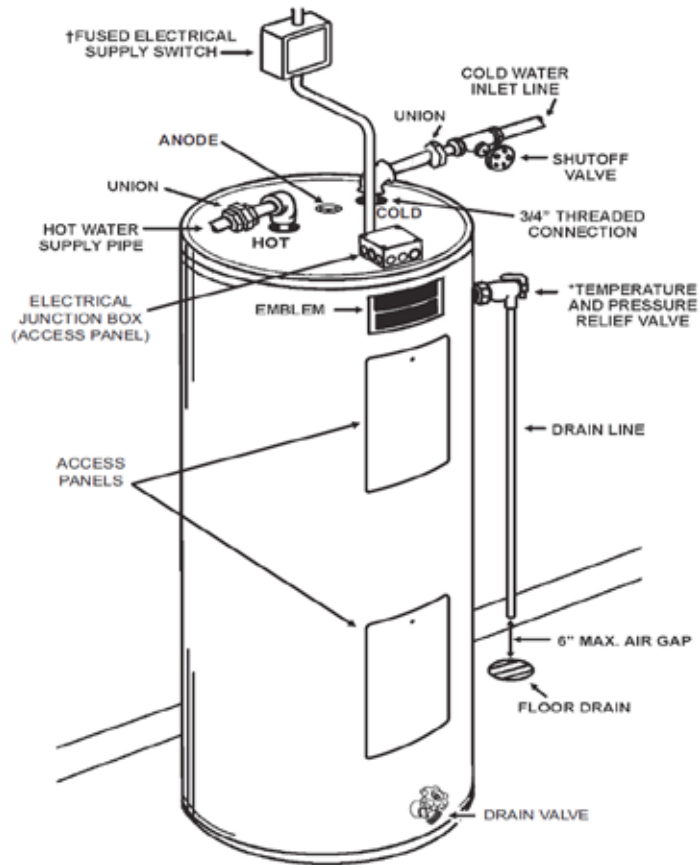
Model Number	Gallon Capacity	Standard Element Wattage* 240 VAC	Dimensions in Inches			Approx. Shipping Weight (lbs)
			A	B	C	
DCE 82D	80	6100	64-1/2	56-1/4	24	187

Inlet and outlet connections: 3/4".

## RECOVERY CAPACITIES

Element Wattage (Upper/Lower)	INPUT KW	U.S. Gallons/Hr and Litres/Hr at TEMPERATURE RISE INDICATED											
		F°	36F°	40F°	54F°	60F°	72F°	80F°	90F°	100F°	108F°	120F°	126F°
		C°	2.2C°	4.4C°	12.2C°	15.6C°	22.2C°	26.7C°	32.2C°	37.8C°	42.2C°	48.9C°	52.2C°
<b>Simultaneous Operation</b>													
6100/6100	12.2	GPH	140	126	93	84	70	63	56	50	47	42	40
		LPH	531	478	354	318	265	239	212	191	177	159	152

Available in 240 and 480 only, three phase. Voltage and wattage must be specified when ordering. Standard factory wiring is for simultaneous operation.



For technical information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.