



SUN EARTH
Quality Solar Energy Products

RESIDENTIAL ELECTRIC DIRECT SOLAR WATER HEATERS

6/6 or 12/12 - Year Limited Tank and Parts Warranty

SunEarth™ direct solar water heaters are designed for installation as a part of a direct (open loop) solar water heating system or for use with external heat exchangers in closed loop systems. Available in 65, 80 and 119-gallon capacities these models provide storage for the hot water produced by the solar collectors and a supplementary electric heating element that maintains consistent water temperature during periods when solar energy is not available.

Multiple Connection Options for Installation Flexibility

- Side and top connections for open loop systems or closed loop systems using an external heat exchanger

Electrical

- 4500 watt heating element - long lasting low-watt density design spreads wattage over larger surface area to prolong element life and maximize efficiency
- 12-yr model features gold plated element
- Pre-wired for surface mount temperature sensor (sensor supplied separately)

Tank Construction

- Glasslined Steel Tank – glasslining protects against corrosion to maximize tank life
- 2-inch thick “Environmentally-Friendly” Non-CFC Foam insulation (R16 Value) reduces standby heat loss

Anode Rod

- Magnesium anode rod with stainless steel core protects tank against corrosion
- 12-yr model features a larger diameter anode rod for added tank protection

CSA Certified and ASME Rated T&P Relief Valve

Durable Tamper-Resistant Brass Drain Valve

Compliance

- Units are UL and cUL listed to UL 174 Standard for Household Electric Storage Tank Water Heaters and CAN/CSA-C22.2 No. 110-M90; Complies with California legislation AB 1953 and Vermont legislation Act 193 that limits the lead content in plumbing fixtures that come into contact with drinking water to a maximum of 0.25%

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- For complete warranty information consult written warranty supplied with the product or call SunEarth at 909-434-3100



Low Lead Content

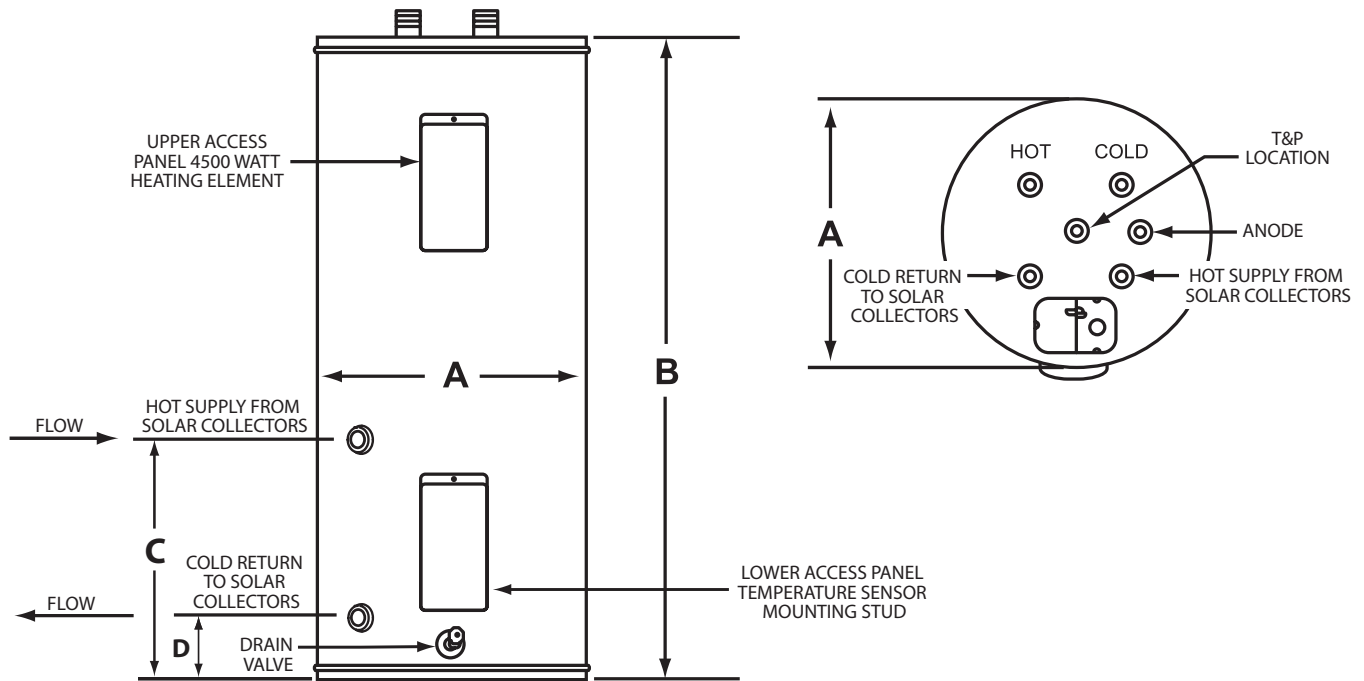
Eligible for a 30% federal tax credit when installed as part of a complete solar water heating system.

SE71301



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MODEL NUMBER	GALLON CAPACITY	NUMBER OF HEATING ELEMENTS	ELEMENT WATTAGE (240 VOLT)	GALLONS ABOVE HEATING ELEMENT	RECOVERY GALLONS PER HOUR (90°F RISE)	INSULATION R VALUE	HEIGHT WATER CONNECTION	JACKET DIAMETER A	HEIGHT TOP OF TANK B	OPTIONAL SOLAR IN/DOWN C	OPTIONAL SOLAR OUT/UP D	APPROX. SHIPPING WEIGHT
SE65-6*	65	1	4500	18.5	21	16	60-1/4	22	59-1/4	20-1/2	7-1/2	152
SE80-6*	80	1	4500	22.5	21	16	60-1/4	24	59-1/4	20-1/2	7-1/2	191
SE120-6*	119	1	4500	27.8	21	16	62	28	61-1/2	20-1/2	7-1/2	278

*For 12 year tank and parts warranty models - change last digit (6) of model number to 12.
Recovery based on heating element performance.

All dimensions in inches.

All solar loop and domestic water connections are 3/4" NPT. Top solar loop and domestic water connections are male NPT with factory-installed dielectric pipe nipples. Side solar loop connections are female NPT and are plugged from the factory.