



Solar Water Heaters

*High Capacity 1.5" Internal Coil Heat Exchanger with
Optional 4500W Supplemental Electric Heating Element
and Second Coil Heat Exchanger for Auxiliary Heat Source*

- **Six-Year Limited Tank/Heat Exchanger Warranty**
– Residential Installations
 - **Three-Year Limited Tank/Heat Exchanger Warranty**
– Commercial Installations
- 4500W electric heating element (optional)
 - 45 to 110 gallon capacities
 - Glass-fused-to-steel water tank
 - 1" NPT connections
 - Ecomate® insulation
 - Steel exterior with powder coat finish
 - Two magnesium anodes
 - Factory installed brass drain valve
 - Factory installed T&P valve
 - Precision manufactured tank - high quality steel to assure strength and durability
 - Made in the USA



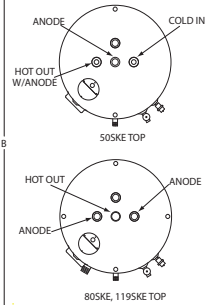
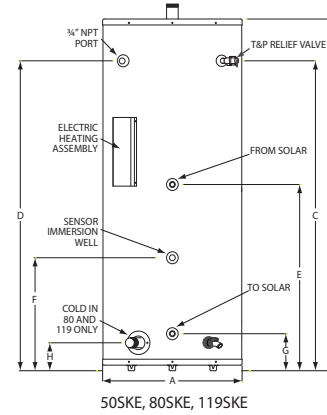
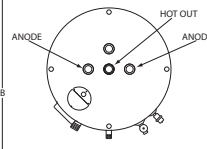
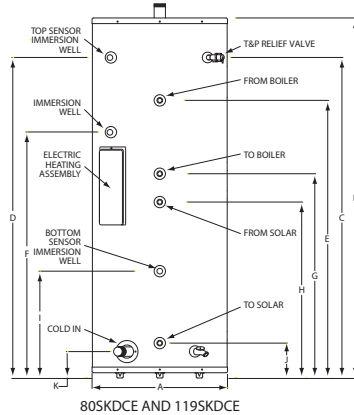
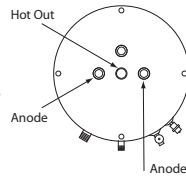
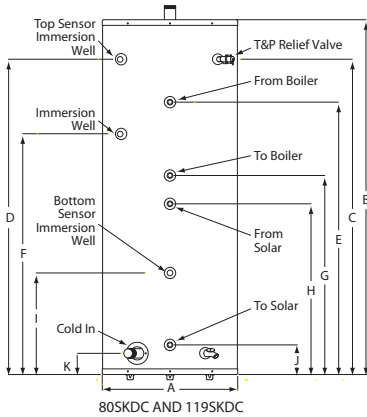
EnviroStor[™]
SOLAR WATER HEATERS

WE TAKE WATER HEATERS PERSONALLY



EnviroStor™
SOLAR WATER HEATERS

This product is available from:



| Model | Actual Tank Volume (gal) | First Draw - lower coil only (gal) | First Draw - upper coil only (gal) | Heat Source Friction Loss* - lower coil only (ft. w.c.) | Heat Source Friction Loss** - upper coil only (ft. w.c.) | FIRST HOUR RATING (gal) @ Coil Output (Btu/hr) | | | | | | | | | | | |
|---------|--------------------------|------------------------------------|------------------------------------|---|--|--|---------------|---------------|---------------|---------------|---------------|--------------------------|----------------|----------------|---------------|----------------|----------------|
| | | | | | | LOWER (SOLAR) COIL ONLY | | | | | | UPPER (BOILER) COIL ONLY | | | | | |
| | | | | | | 130°F, 1 GPM* | 130°F, 3 GPM* | 140°F, 1 GPM* | 140°F, 3 GPM* | 150°F, 1 GPM* | 150°F, 3 GPM* | 180°F, 8 GPM* | 180°F, 10 GPM* | 180°F, 14 GPM* | 200°F, 8 GPM* | 200°F, 10 GPM* | 200°F, 14 GPM* |
| 50SKE | 45 | 40 | n/a | 0.3 | n/a | 53 @ 8,190 | 60 @ 12,860 | 63 @ 14,370 | 77 @ 23,880 | 68 @ 17,810 | 88 @ 30,870 | | | | | | |
| 80SKE | 75 | 70 | n/a | 0.4 | n/a | 85 @ 9,420 | 93 @ 14,790 | 96 @ 16,530 | 113 @ 27,460 | 102 @ 20,480 | 125 @ 35,500 | | | | | | |
| 119SKE | 110 | 102 | n/a | 0.4 | n/a | 117 @ 9,420 | 125 @ 14,790 | 128 @ 16,530 | 145 @ 27,460 | 134 @ 20,480 | 157 @ 35,500 | | | | | | |
| 80SKDC | 73 | 68 | 40 | n/a | 2.8 | 83 @ 9,420 | 91 @ 14,790 | 94 @ 16,530 | 111 @ 27,460 | 100 @ 20,480 | 123 @ 35,500 | 151 @ 67,190 | 155 @ 69,820 | 165 @ 73,780 | 181 @ 85,390 | 192 @ 91,360 | 199 @ 95,710 |
| 119SKDC | 108 | 100 | 50 | n/a | 2.8 | 115 @ 9,420 | 123 @ 14,790 | 126 @ 16,530 | 143 @ 27,460 | 132 @ 20,480 | 155 @ 35,500 | 161 @ 67,190 | 165 @ 69,820 | 175 @ 73,780 | 191 @ 85,390 | 202 @ 91,360 | 209 @ 95,710 |

* @ 3 GPM

** @ 14 GPM

Coil Input (temperature, flow rate). Ratings based on 77°F rise with 58°F inlet potable water.

Note: First Hour Rating = First Draw + Continuous Draw

| Model | Electric Element | Number of Coils | Storage GAL (L) | Dimensions in Inches (cm) | | | | | | | | | | | Shipping Weight LBS (kg) |
|----------|------------------|-----------------|-----------------|---------------------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|--------------|--------------|--------------------------|
| | | | | A | B | C | D | E | F | G | H | I | J | K | |
| 50SKE | X | 1 | 45 (170.34) | 22.00 (55.88) | 48.25 (122.56) | 39.75 (100.97) | 39.75 (100.97) | 31.50 (80.01) | 16.75 (42.55) | 6.50 (16.51) | N/A | N/A | N/A | N/A | 241 (109.32) |
| 80SKE | X | 1 | 75 (283.91) | 24.00 (60.96) | 64.00 (162.56) | 57.12 (145.08) | 57.12 (145.08) | 31.50 (80.01) | 19.25 (48.90) | 6.50 (16.51) | 5.00 (12.70) | N/A | N/A | N/A | 307 (139.25) |
| 80SKDC | | 2 | 73 (276.34) | 24.00 (60.96) | 64.00 (162.56) | 57.12 (145.08) | 57.12 (145.08) | 49.50 (125.73) | 46.87 (119.05) | 36.50 (92.71) | 31.50 (80.01) | 19.25 (48.90) | 6.50 (16.51) | 5.00 (12.70) | 327 (148.32) |
| 80SKDCE | X | 2 | 73 (276.34) | 24.00 (60.96) | 64.00 (162.56) | 57.12 (145.08) | 57.12 (145.08) | 49.50 (125.73) | 46.87 (119.05) | 36.50 (92.71) | 31.50 (80.01) | 19.25 (48.90) | 6.50 (16.51) | 5.00 (12.70) | 337 (152.86) |
| 119SKE | X | 1 | 110 (416.40) | 28.00 (71.12) | 65.00 (165.10) | 57.75 (146.69) | 57.75 (146.69) | 33.75 (85.73) | 16.25 (41.28) | 8.75 (22.23) | 6.50 (16.51) | N/A | N/A | N/A | 407 (184.61) |
| 119SKDC | | 2 | 108 (408.82) | 28.00 (71.12) | 65.00 (165.10) | 57.75 (146.69) | 57.75 (146.69) | 51.75 (131.45) | 49.12 (124.76) | 38.75 (98.43) | 33.75 (85.73) | 16.25 (41.28) | 8.75 (22.23) | 6.50 (16.51) | 427 (193.68) |
| 119SKDCE | X | 2 | 108 (408.82) | 28.00 (71.12) | 65.00 (165.10) | 57.75 (146.69) | 57.75 (146.69) | 51.75 (131.45) | 49.12 (124.76) | 38.75 (98.43) | 33.75 (85.73) | 16.25 (41.28) | 8.75 (22.23) | 6.50 (16.51) | 437 (198.22) |

Warning: Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 54.

Caution: The recommended maximum hot water temperature setting for normal residential use is 120°F. Manufacturer recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding.

Pressures (all): Working pressure, 150 psi; testing pressure, 300 psi **Electrical Rating: ("E" models only):** 4.5 kW, 240V

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