

SPP Large Volume Solar Tanks



- Larger Sizes, More selection
- High Efficiency Heat Exchangers
- Top-Coat Insulation Available
- ASME Certified

The SPP large volume solar water tanks are designed for larger solar thermal, solar heating, and solar air conditioning projects.

These large solar tanks allow for longer term storage and for multiple system integration (DHW, Solar, Boiler, etc)



5-Year Limited Warranties / 5-Year Limited Warranties on Component Parts

- Glass-Lined Steel Solar Tank - The SPP tank lining is applied to the interior surface of the steel providing a tough wear resistant lining which minimizes the effects of high temperature hot water.
- Boiler Back-up & Electric Back-Up - Tanks support both boiler back-up and electrical back-up options
- Top Coat Insulation - Optional top-coat insulation offers a R-16 value insulation for better heat retention and durability.
- ASME Rated - Tanks are constructed and certified to be in accordance with ASME.
- High-Efficiency Heat Exchangers - Heat exchangers built for maximum heat transfer at 74,666 BTU per hour, per coil.
- Warranty - 5 year limited warranty covering workmanship and defects.

SPP Large Volume Solar Tanks: Specifications

Meet or exceed ASHRAE 90.1b (current standard)

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|--------------|------|------|-----|----|------|-----|----|-------|------|-------|------|----|----|------|
| SPP-30-063-X | 193 | 175 | 30" | 2 | 67" | 39" | 4" | 17.5" | 63" | 18" | 2.5" | 1" | 3" | 303 |
| SPP-30-075-X | 229 | 210 | 30" | 2 | 79" | 39" | 4" | 17.5" | 75" | 24" | 2.5" | 1" | 3" | 347 |
| SPP-30-085-X | 260 | 240 | 30" | 2 | 89" | 39" | 4" | 17.5" | 85" | 29" | 2.5" | 1" | 3" | 383 |
| SPP-36-078-X | 344 | 310 | 36" | 4 | 82" | 45" | 4" | 19" | 78" | 24" | 2.5" | 1" | 3" | 527 |
| SPP-36-085-X | 375 | 340 | 36" | 4 | 89" | 45" | 4" | 19" | 85" | 27.5" | 2.5" | 1" | 3" | 569 |
| SPP-36-090-X | 397 | 360 | 36" | 6 | 94" | 45" | 4" | 19" | 90" | 30" | 2.5" | 1" | 3" | 599 |
| SPP-42-084-X | 504 | 453 | 42" | 6 | 88" | 51" | 4" | 20.5" | 84" | 25.5" | 3" | 1" | 3" | 716 |
| SPP-42-093-X | 558 | 505 | 42" | 9 | 97" | 51" | 4" | 20.5" | 93" | 30" | 3" | 1" | 3" | 848 |
| SPP-42-105-X | 630 | 575 | 42" | 9 | 109" | 51" | 4" | 20.5" | 105" | 36" | 3" | 1" | 3" | 934 |
| SPP-48-073-X | 572 | 500 | 48" | 8 | 77" | 57" | 4" | 22" | 73" | 18.5" | 3" | 1" | 3" | 1025 |
| SPP-48-096-X | 752 | 675 | 48" | 12 | 100" | 57" | 4" | 22" | 96" | 30" | 3" | 1" | 3" | 1173 |
| SPP-48-108-X | 846 | 765 | 48" | 12 | 112" | 57" | 4" | 22" | 108" | 36" | 3" | 1" | 3" | 1301 |
| SPP-48-141-X | 1128 | 1040 | 48" | 16 | 145" | 57" | 4" | 22" | 141" | 52.5" | 3" | 1" | 3" | 1652 |

A – Tank Part Number
 B – Nominal Gallon Capacity
 C – Actual Capacity
 D – Gal Diameter
 E – Max # of Coils
 F – Vertical Height
 G – Horizontal Height

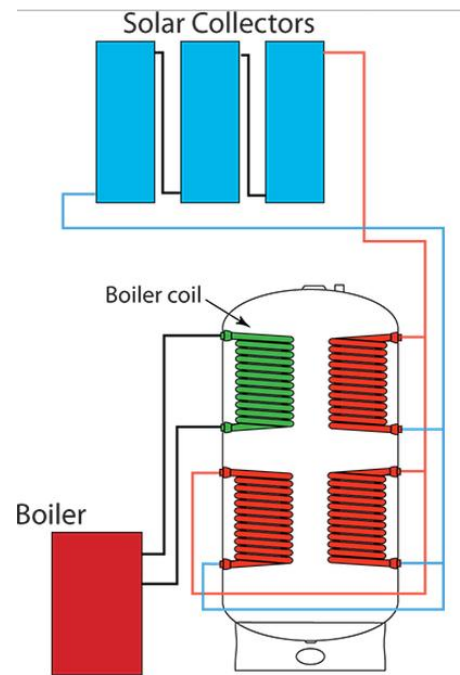
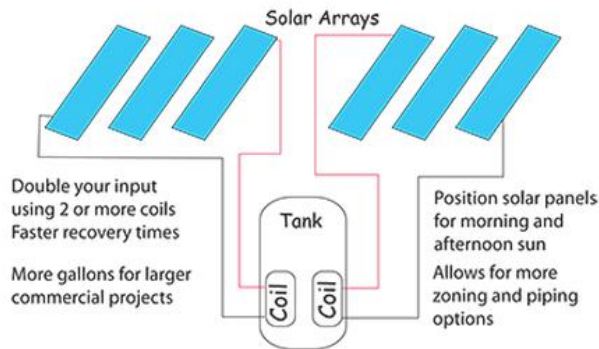
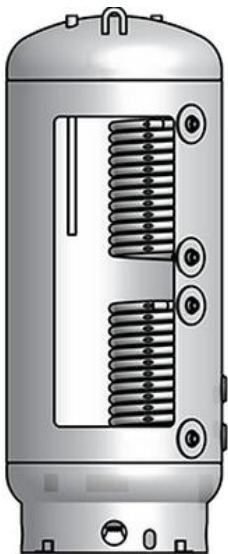
H – Skirt Height
 I – Height
 J – Length
 K – Diameter
 L – Tappings A
 M – Tappings B
 N – Tappings C
 O – Weight

Note: "X" denotes the number of coils required.

Top Coat Insulation Value: R-16

Heat Transfer Rating: 74,666 BTU/Hour/Coil
 (Based on 100 degree incoming water temp)

Application Examples:



All water heaters are certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). All potable water and electrical connections are 3/4" NPT (19mm) on 8"(203mm) centers. All models are UL listed.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Suitable for Water (Potable) Heating and Space Heating.