

SPP Single Coil Solar Tanks



Backup Electric Heat



Solar-ready sensor wires



2" Non-CFC Insulation



Installed Sediment Control

The SPP Single Coil Solar Tanks are designed for solar thermal applications. These tanks can be used in conjunction with an existing hot water tank, or as a stand-alone option, thanks to the built in electrical backup.

These systems can also be utilized in separate or combined configurations resulting in even greater application and design flexibility.



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

- Coil Design: 1 ½" OD glass coated carbon steel heat exchanger is located in the lower portion of the tank, and provides enhanced heat transfer capability.
- Backup Electrical Element: A pre-installed backup heating element provides heat when solar energy is not available, or isn't able to meet the demand. This ensures a comfortable outlet temperature while providing a steady flow of hot water.
- Sensor Wires for Solar Thermistor Connections: Twisted wires are provided under the upper and lower covers. These wires have been provided as a means for connecting thermistors to a solar controller. Note: Solar thermistors and Solar Controller are not provided.
- Honeywell Manual Control: Honeywell mixing device is manually set and easy to install, ensuring comfortable outlet temperature as well as a steady flow of hot water.
- Factory Installed Sediment Reduction System: Cold water inlet sediment reducing device helps prevent sediment build up in tank. Increases first hour of delivery of hot water while minimizing temperature build up in tank.
- Lining: Water heater tanks are protected from corrosive effects of hot water by an exclusive ceramic porcelain-like coating. The high silica lining provides a tough interior surface for our hot water tanks.
- T&P (Temperature & Relief) Valve, and a Brass Drain Valve, are included.

Single Coil, Single-Wall Electric Backup Models

Model Number	Capacity	A – Floor to Heater Top	B – Jacket Diameter	C – Floor to Water Conn.	D – Floor to T&P Conn.	E – Floor to Solar Collector Supply	F – Floor to Solar Collector Return	Recovery at 90F Rise* (US GPH)	Approx. Shipping Weight
SPP-SCSW-60	60gl	59 ¼"	22"	60 ¼"	53"	29 ½"	7 3/8"	20	217lbs
SPP-SCSW-75	75gl	59 ¼"	24"	60 ¼"	53"	29 ½"	7 3/8"	20	241lbs
SPP-SCSW-115	115gl	62 ¾"	28 ¼"	62 ¼"	55 ¾"	29 ½"	7 3/8"	20	345lbs

*Based on 4500W/4500W Non-Simultaneous Operation

Single Coil, Double-Wall Electric Backup Models

Model Number	Capacity	A – Floor to Heater Top	B – Jacket Diameter	C – Floor to Water Conn.	D – Floor to T&P Conn.	E – Floor to Solar Collector Supply	F – Floor to Solar Collector Return	Recovery at 90F Rise* (US GPH)	Approx. Shipping Weight
SPP-SCDW-75	75gl	59 ¼"	24"	60 ¼"	53"	29 ½"	7 3/8"	20	241lbs
SPP-SCDW-115	115gl	62 ¾"	28 ¼"	62 ¼"	55 ¾"	29 ½"	7 3/8"	20	345lbs

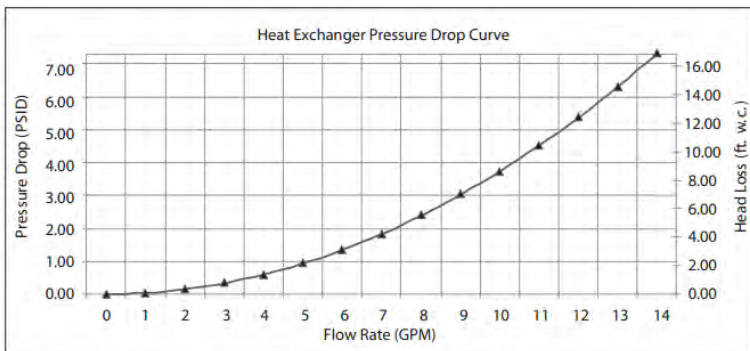
*Based on 4500W/4500W Non-Simultaneous Operation

Single-Wall Electric Backup Water Heating Ratings

Model Number	First Hour Supply (Gal.)		Standby Heat Loss Rating (F/Hr.)
	Single Element	Dual Element	
SPP-SCSW-60	46	84	1.1
SPP-SCSW-75	53	97	0.9
SPP-SCSW-115	83	124	0.7

Double-Wall Electric Backup Water Heating Ratings

Model Number	First Hour Supply (Gal.)		Standby Heat Loss Rating (F/Hr.)
	Single Element	Dual Element	
SPP-SCDW-75	53	97	0.9
SPP-SCDW-115	83	124	0.7



All electric 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 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.

Toxic chemicals, such as those used for boiler treatment, shall NEVER be introduced into the potable side of this system. The potable side may NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

