

Stainless Steel Indirect Solar Water Heaters

Indirect domestic hot water solar storage tanks are made in 60, 80 and 115 gallon units.

Models include Dual Coil (DC), Single Coil (SC), and Single Coil with Electric Back-up (E).

The bottom heat exchanger coil is connected to the solar collectors. For solar storage only use single coil tank (SC). The dual coil model is designed for boiler back-up indirect water heating (DC). The electric model (E) provides a 240VAC element for electric back-up hot water heating.



Quality Design and Construction

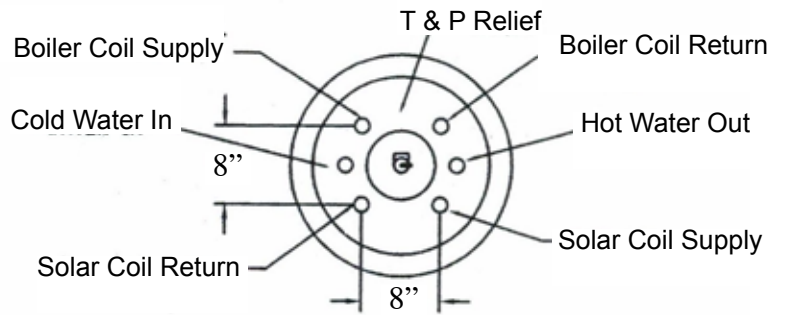
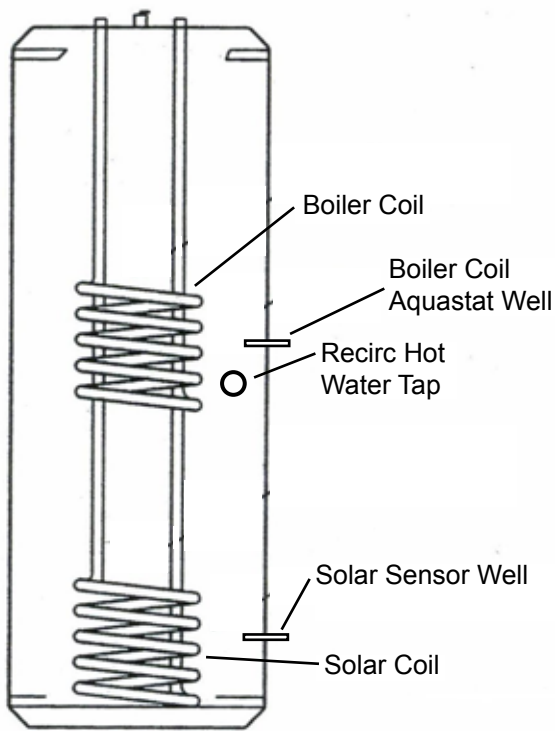
- Tanks and coils are all 316 stainless steel.
- Large smooth coils, no finned tubing.
- Includes over 2” of urethane insulation, R-12.
- Thermoplastic jacket will not rust or corrode.

Easy Installation

- All connections are on top.
- Brass drain and relief valves are factory installed.
- Sensor well included at bottom of tank for solar tank sensor.
- Thermostat well for boiler back-up model (DC).

Hot water recirculation port added on all dual coil (DC) and electric backup (E) models.

Tank Capacity (Item number)	60 Gallon Tank (540 00 60)	80 Gallon Tank (540 00 80)	115 Gallon Tank (540 01 15)
Models	Dual Coil (DC)	Single Coil (SC) / Single Coil w/ Electric Backup (E) / Dual Coil (DC)	
Dimensions HxOD	60 x 22.5 inches	54 x 26.5 inches	72 x 26.5 inches
Pipe Connection	1 inch for all connection ports		
Maximum Working Pressure	150 PSI for all tank models		
Shipping Weight	150 lbs	165 lbs	198 lbs
Thermowells	1 Lower on (SC) and (E) / 1 Upper and 1 Lower on (DC)		



Models SC, and E
do not contain top coil

Model No.	Recovery (gal. / hour) top coil	Recovery (gal. / hour) bottom coil	Min. water flow through coil (gal. / min.)	Pressure Drop through coil (ft. of water)
540 00 60 DC	185	214	10	3.5
540 00 80 DC	180	214	10	3.6
540 00 80 SC/E	N/A	214	10	3.6
540 01 15 DC	190	214	10	3.9
540 01 15 SC/E	N/A	214	10	3.9

Note: All ratings are based on 180-degree F water supply to coil and 50-degree F cold water inlet.
In the interest of continuous improvement, specifications are subject to change without notice.

Model	540 00 60 DC	540 00 80 DC	540 01 15 DC
Minimum Flow Rate	10 gpm	10 gpm	10 gpm
Pressure Drop at Minimum Flow Rate	3.9 ft/hd	3.0 ft/hd	3.0 ft/hd

Minimum flow rate is for boiler indirect hot water heating coil.