



SUN EARTH

THE SU SERIES

SOLAR STORAGE TANK SPECIFICATION SHEET

Applications



Solar Water Heating

Features:

SU Solar Storage Tanks:

Heating Element:	4500 Watt
Tank Construction:	Glass-Lined Steel
Anode Rod:	3/4" NPT Magnesium
Max Operating Pressure:	150 psi
Temperature + Pressure Relief:	210°F 150 psi
Drain Valve:	Lead-Free Brass
Insulation:	2" Non-CFC Foam
Compliance:	UL/cUL Listed to UL-174 CAN/CSA-C22.2 No. 110-M90

4.5 kW Backup Element

Solar Return

Solar Supply



Available Connections

- 3/4" NPT Top and Side.

Units meet and exceed ANSI requirements and have been tested according to D.O.E procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.

General:

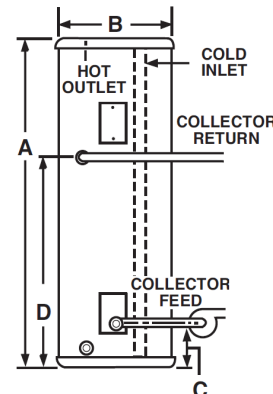
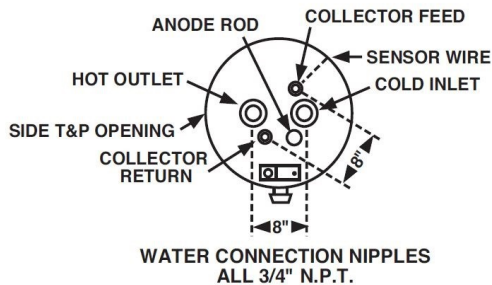
SunEarth's premium SU series features brass drain valves, temperature and pressure relief valves and an insulated tank design for better heat retention. With solar supply and return fittings located on the front and top of the tank and cold water inlet, hot water outlet, relief valve and anode rod at the top of the tank it has very easy access and which makes a fast and economical installation possible. Dip tubes take the cold water to the bottom of the tank, preventing it from mixing with hot water at the top.

Technical Specification:

SU Solar Storage Tanks:

Model Number	Capacity Gallon	Number of Heating Elements	Element Wattage (240 V)	Insulation R Value	Height Water Connection	Jacket Diameter	Height To Collector Feed	Height To Collector Return	Approximate Shipping Weight (lbs.)
SU80U-1	80	1	4500	17.3	58-3/4	24-1/2	3	38-1/4	192
SU120U-1	119	1	4500	16.7	62	28-1/4	3-3/4	38-1/2	336

*SunEarth's models meet all current requirements for solar storage.



Due to SunEarth's policy of continuous product improvement, specifications are subject to change without notice.



8425 Almeria Avenue
Fontana, CA 92335 (909) 434-3100
www.sunearthinc.com