

# Galvanized Non-Pressure Solar Water Heater



SC serials is Thermosyphon solar water heater, That is a kind of solar water heating system that solar collector and storage are connected together with the cylinder storage on the top and collector panel on the bottom. There is no need of pump to push the fluid and no need of pipeline between the collector and storage. It is a simple and safe solution to get heat power from the sun.

Model Name	SC Stainless steel Non-Pressure Solar Water Heater
Inner tank	SUS304-2B [0.4mm/0.5mm]
Insulation layer	Polyurethane foam [55mm]
Outer tank	Galvanized Steel [0.4mm]
Bracket	Galvanized Steel [1.5mm]
Evacuated tube	Borosilicate Glass 3.3

# Galvanized Non-Pressure Solar Water Heater

## Advantage:

- 1) The material of the outer tank is Galvanized Steel. The material of the inner tank is SUS304 2B stainless steel.
- 2) The life of the vacuum tubes is 15 years.
- 3) Stable and reliable performance, well resistance.
- 4) Temperature when exposed to sun without water: 250°C, 2.5 hours to boiling point if using single tube.
- 5) It resists 25mm hail.
- 6) Heat preservation: 72 hours.
- 7) optional accessories: assistant tank, electric heater
- 8) 5 years warranty.

## Specification:

Product Model	Tubes Qty.	Tank (L)	Absorbing Area (m <sup>2</sup> )	Weight (KGS)	Dimension (L×W×H)	Qty. per 20FT/40FT/40HQ
SC420-1500/47-15	15	100L	0.75	49	1400*1150*1700	63 / 126 / 154
SC420-1500/47-18	18	120L	0.90	59	1400*1360*1700	56 / 112 / 136
SC420-1500/47-20	20	135L	1.00	65	1400*1500*1700	51 / 102 / 124
SC420-1500/47-24	24	160L	1.20	79	1400*1780*1700	44 / 87 / 106
SC420-1500/47-30	30	200L	1.50	95	1400*2200*1700	36 / 72 / 88
SC470-1500/47-12	12	100L	0.60	39	1800*940*1750	64 / 128 / 156
SC470-1500/47-15	15	130L	0.75	52	1800*1150*1750	55 / 109 / 133
SC470-1500/47-18	18	155L	0.90	62	1800*1360*1750	48 / 95 / 115
SC470-1500/47-20	20	170L	1.00	68	1800*1500*1750	44 / 87 / 106
SC470-1500/47-24	24	205L	1.20	82	1800*1780*1750	38 / 75 / 92
SC470-1500/47-30	30	260L	1.50	100	1800*2200*1750	31 / 63 / 76
SC470-1800/58-12	12	130L	0.92	52	1800*1050*1750	58 / 115 / 140
SC470-1800/58-15	15	165L	1.15	62	1800*1290*1750	47 / 95 / 116
SC470-1800/58-18	18	200L	1.37	71	1800*1530*1750	41 / 82 / 100
SC470-1800/58-20	20	220L	1.52	78	1800*1690*1750	37 / 74 / 90
SC470-1800/58-24	24	265L	1.83	92	1800*2010*1750	31 / 63 / 77
SC470-1800/58-30	30	330L	2.29	105	1800*2490*1750	26 / 51 / 62