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KEY POINTS:

Inner tank: stainless steel SUS304, 0.4/0.5/0.8MM

Vacuum tube: Cu/SS-ALN(H)/SS-ALN(L)/ALN 58-1800mm

Outer tank shell: STAINLESS STEEL/PVDF

Insulation: high density polyurethane,50mm/55mm

Frame: Stronger **ADJUSTABLE** GALVANIZED STEEL

5 years product warranty

With over 55000 water heaters sold worldwide our brand and our products are a symbol of confidence

100/150/200/240/300L

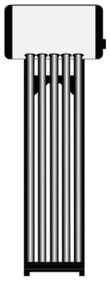
Non-pressure Solar Water Heater

WATER TANK

Material of Outer Tank Shell	STAINLESS STEEL-SUS-304/PVDF
Material of Inner Tank Chest	Food Grade SUS304-2B SS. 0.4mm/0.5mm/0.8mm
Water Tank Diameter	[470/360 MM] / [480/380 MM]
Water Tank Insulating Layer	Imported Polyurethane, High Density, [50/55MM]
Tube to Tube Distance	[75/80MM]
Heat Preservation Period	72~80 Hours
Welding Method	Argon Arc Welding

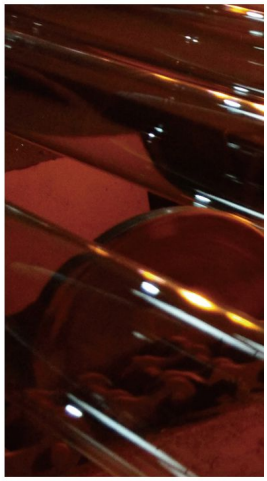
Bracket

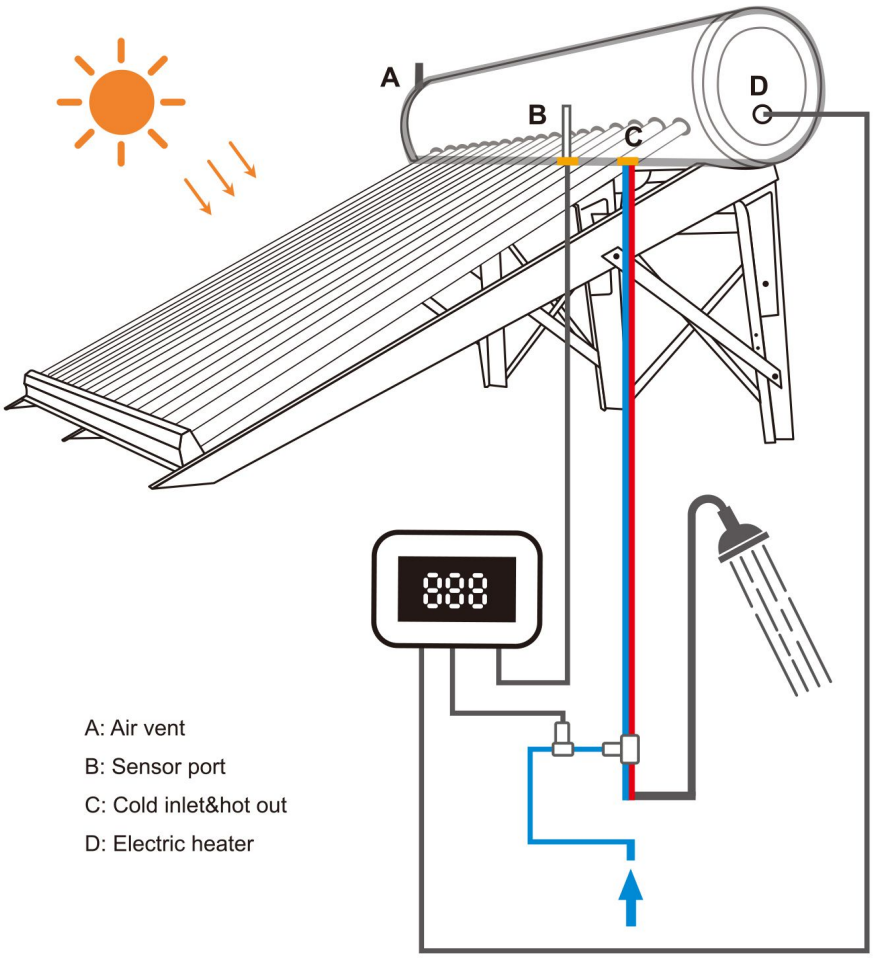
Bracket Material	Stronger Adjustable Galvanized Steel
Bracket Angle	[25°/30°/38°]
Bolts & Nuts	Stainless Steel



Vacuum

Tube Structure	All-Glass Double-Tube Co-Axial Structure
Glass Material	High Borosilicate 3.3 Glass
Tube Size	[58*1800 MM] [10/15/20/24/30 TUBES]
Coating Material	[CU/SS-ALN(H)SS-ALN(L)/ALN]
Sediment Method	Tri-Element Magnetron Sputtering Plating
Absorb Ratio	> 96% (AM 1.5)
Thermal Emissivity	≤ 6% / (80°C)
Pressure Between Tubes (Empty)	5x10-3 PA
Freezing Point	-30°C
The Average Heat Loss: ULT	≦ 0.60W / (M2• ℃)
Hail Resistance	Φ25mm





A: Air vent
B: Sensor port
C: Cold inlet&hot out
D: Electric heater

96%

UNILIZE UP TO 96%

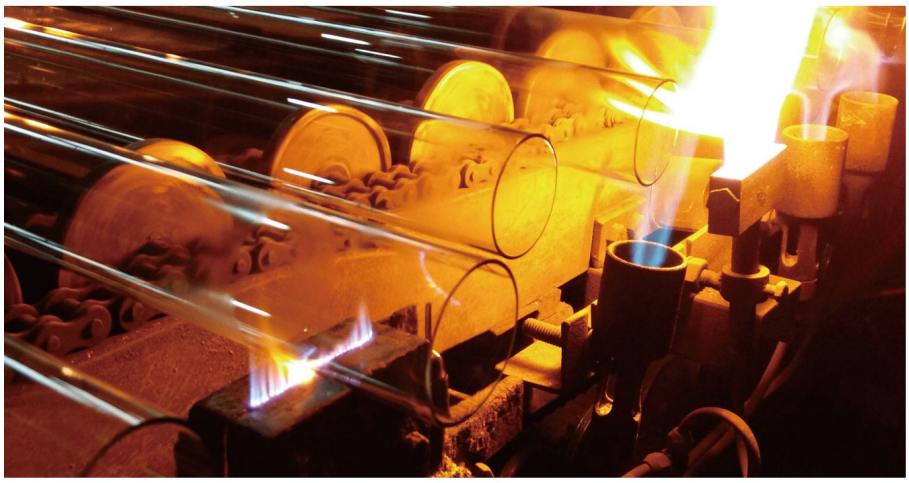
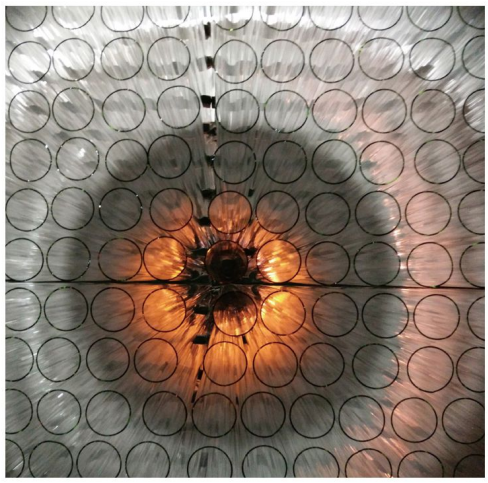
Solar Power During Peak Sun Hours

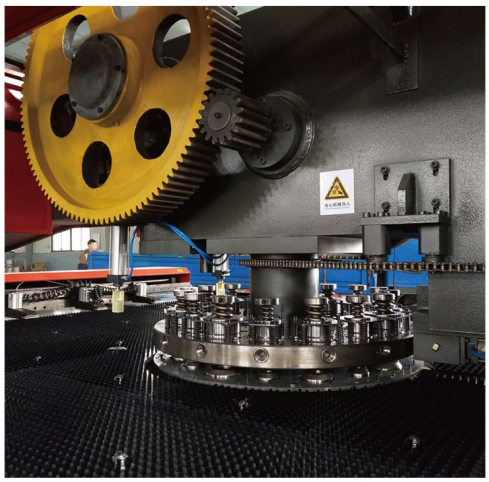
Use the sun to warm your water.

Save up to $579 per year!!

Cost per year

Solar Water Heater	$0
Electric Heater	$579
Gas Heater	$263

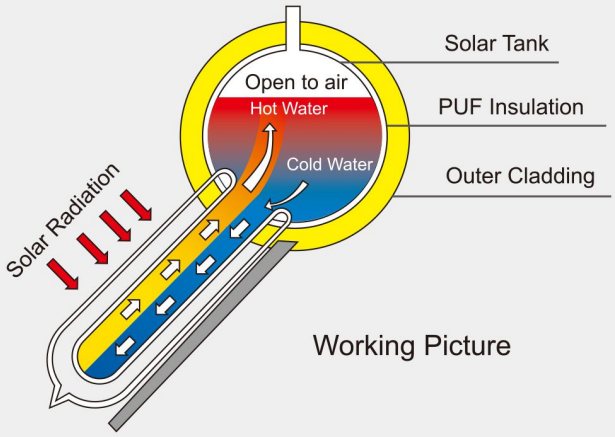





Non-pressure Solar Water Heater

MODEL	Vacuum Tube		Capacity (L)	Absorber Area	Suitable for
	Pcs	Size(mm)	Tank	(M2)	(Person)
100L -MAX	10	58×1800	100	1.330	3~4
150L -MAX	15	58×1800	150	1.995	5~6
200L -MAX	20	58×1800	200	2.660	7~8
240L -MAX	24	58×1800	240	3.192	9~11
300L -MAX	30	58×1800	300	3.990	12~13

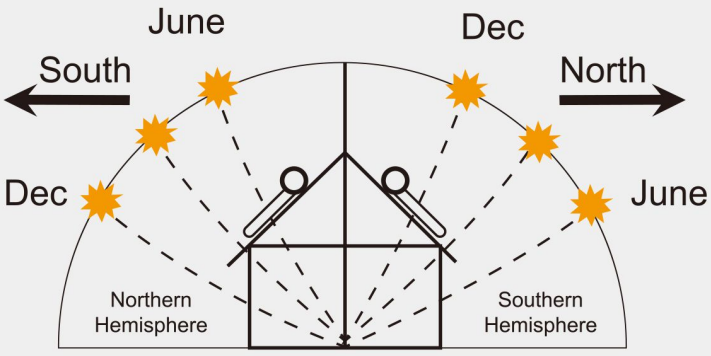
Type	Evacuated Tube	**Tube Size**	58-1800mm
Pressure	Non-pressure/Low Pressure	**Circulation Type**	Other
Heating System	Thermosyphon (Passive)	**Connection Type**	Direct-Plug
Model Number	100\150\200\240\300L -MAX	**Recommend Region**	South America,Asia, Africa



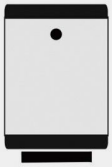
Working Picture

Description

Thermosyphon solar water heater(compact non-pressure solar water heater) relies on the natural circulation of water between the collector and the tank or heat exchanger. As water in the vacuum tubes is heated it rises naturally into the tank, while cooler water in the tank flows down to the bottom of the vacuum tubes, causing circulation throughout the system.



ACCESSORIES

Reference Pic.	Description
	Magnesium anode 3/4''
	Inbuilt electric heater element
	Controller panel 220V/50HZ
	Thermostatic mixing valve
	5L Assistant Tank

Mounting Surfaces and direction

Solar system can be installed on a flat roof or a tiled roof with maintaining the proper angles and directions.

Naturally you want the collector to receive the maximum amount of sunlight each day and throughout the year. As a general rule if you are in the Northern Hemisphere then the collector should face south and if you are in the Southern Hemisphere then the collector should face north. See diagram below

You do not have to be too careful about mounting the collector at the exact angle suggested. If your roof angle is within 10o+/- of your desired angle you can just mount the solar collector flush against the roof surface. The added trouble of adjusting the collector to a precise angle is not warranted as it will not result in a great improvement in efficiency.

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