

## FLAT PLATE INTEGRATED PRESSURIZED SOLAR SYSTEM

Flat plate integrated pressurized solar system is specially designed for the villa, vacation village, farm house, it is perfectly harmony with the building and circumstance, mounted on the roof and wall, which is the ideal products for the solar energy-building integration.



Heat pipe structure, No medium liquid

The first invention Heat Pipe-Flat Plate panel, no water or medium liquid in the pipeline, to solve the low efficient heat exchanging by the medium liquid and complex maintenance, and conquer the frozen cracked by water and scale.



Unique overheating protection

The new structure can prevent the overheating in summer (overheating can damage the tank and shorten the lifetime), meanwhile, the relative low temperature can ensure the high sunlight absorbing efficiency.



Installation combine with the building integration

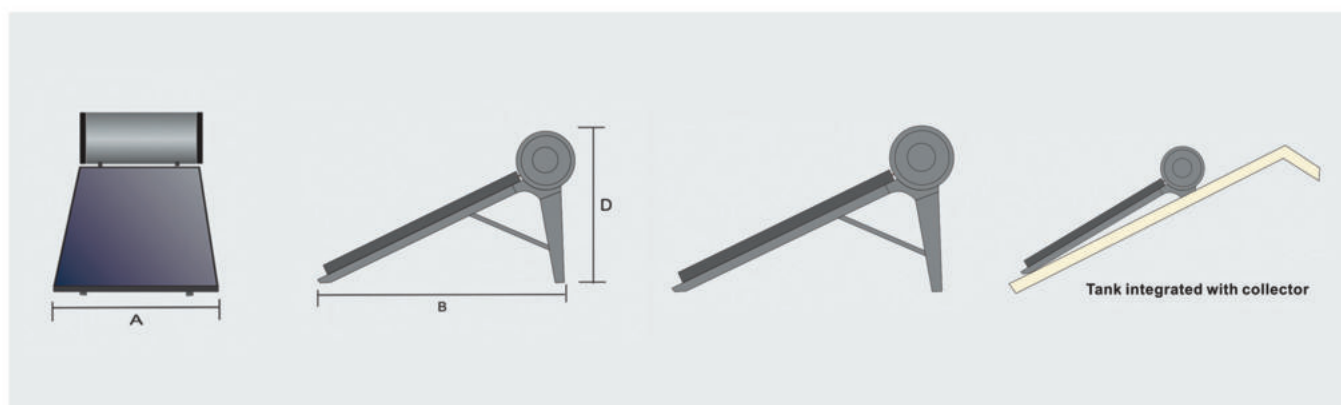
Conveniently mounted on the slope roof, no location limited. Any angel installation, free occupied, It is the really solar energy and building integrated which is the new development trend of solar energy in future.



Scale resistance technology.

Heat pipe structure flat panel collector, no water or medium liquid in the pipeline, can anti-scaling.

- The first invention Heat Pipe-Flat Plate collector, anti-frozen, scale free and more safe.
- New structure, no medium liquid needed, free maintenance.
- Overheating prevention, longer service lifetime pressurized tank.
- Slope/flat roof multifunction, more harmony of inclined roof installation.
- Water storage tank split with the solar collectors.
- Available both for the building integration and high cost/performance.
- 24h/whole day high pressure hot water outlet.
- Innovation leader of popularized solar energy in future.



## TECHNICAL SPECIFICATIONS

Models	Collectors Models	Collector Quantity	Structure	Pressure tank	Suitable ambient temperature	Frame Angle	(Liter/Day/55°C)	Scale resistance Collector	size (mm)				Qty(set)		Remarks
									A	B	C	D	20'ft	40'hq	
SPH-2.0	SP2.0	1PC	Heat Pipe	•	-35°C~50°C	25°	130	Yes	1000	2300	-	1350	59	146	
SPH-4.0	SP2.0	2PC	Heat Pipe	•	-35°C~50°C	25°	250	Yes	2110	2300	-	1350	35	80	
SPH130	SP2.0	1PC	Riser pipe	•	0°C~50°C	25°	130	No	1000	2300	-	1350	59	146	
SPH250	SP2.0	2PC	Riser pipe	•	0°C~50°C	25°	250	No	2110	2300	-	1350	35	80	

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