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Split solar flat plate water heater(water tank with one copper coil)

Model	SS-F1 1 50(with one collector)	SS-F1 2 00(with one collector)	SS-F1 25 0(with two collectors)	SS-F1 3 00(with two collectors)	SS-F1-400(with three collectors)	SS-F1 5 00(with three collectors)
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Solar collector	Core material	copper					
	Coating	Cooper cover coating of blue titanium which made in Germany Absorption rate: $\alpha=0.95$ Reflection rate $\epsilon=0.04$.					
	Base plate of panel	Marine-grade H3004 Aluminum toughness H32 Thickness 0.7mm					
	Glass of panel	Special glass for panel With ANS1297-1-1975, BS6206A and JIS R3206 standards; toughness with AS2208-1978 and federal standards of United States.					
tank	Panel Insulation	Bottom with fiberglass insulation ,Thickness 60mm,Density 20kg/m ³ Side thickness insulation:13mm Density 23kg/m ³ Thermal properties: R1.0 Thermal conductivity : 0.059W/m					
	Volume	150L	200L	250L	300L	400L	500L
	Insulating Layer	Polyurethane Foaming ,Thickness 45mm-50mm					
	Outer Tank	Color Steel Plate(enamel white) Thickness 0.53mm					
workstation	Inner tank	tank: stainless steel 304; Thickness 1.2 -1.5mm; Normal working pressure: 6 bar; Test pressure: 12 bar;					
	Circulation Pump	RS-15/6 W ILO					
	Controller	SR868C8					
	Expansion tank	5L	8L	8L	12L	12L	18L

