

Model	PTS-F2-15	PTS-F2-20	PTS-F2-25	PTS-F2-30	PTS-F2-40	PTS-F2-50	PTS-F2-100	
Flat Panel Solar Collector	Core material	Copper						
	Coating	Copper aluminum cover coating of Blue Titanium Absorption rate: $\alpha=0.95$ Reflection rate $\epsilon=0.04$ .						
	Base plate	Marine-grade H3004 Aluminum, toughnessH32 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.						
	Panel Insulation	Bottom with fiberglass insulation ,Thickness 60mm,Density 20kg/m <sup>3</sup> ; Side-thickness insulation:13mm; Density 23kg/m <sup>3</sup> ; Thermal properties: R1.0 Thermal conductivity : 0.059W/m.						
	Quantity (PCS)	1	1	2	2	3	3	6
Water Tank	Capacity	150L	200L	250L	300L	400L	500L	1000L
	Top Copper Coil (mm*M)	Φ16*15	Φ16*15	Φ16*15	Φ16*15	Φ16*15	Φ16*20	Φ19*30
	Bottom Copper Coil (mm*M)	Φ16*15	Φ16*15	Φ16*15	Φ16*15	Φ16*25	Φ16*30	Φ19*40
	Polyurethane Foaming (mm)	55	50	50	50	60	60	100
	Outer Tank	Color Steel Plate/ Enamel White						
		Φ470/0.5	Φ550/0.5	Φ580/0.5	Φ580/0.5	Φ700/0.5	Φ700/0.5	Φ1000/0.5
	Inner Tank	SUS 304 2B , Working pressure-6 bar, Test pressure-12 bar						
Φ360/1.2		Φ450/1.5	Φ480/1.5	Φ480/1.5	Φ580*2.0	Φ580*2.0	Φ800/2.5	
Electrical Heater	1500W	1500W	2000W	2000W	2000W	2000W	4000W	
Working Station	SR961S (Including controler & WILO PUMP)							
Expansion Tank	8L	8L	8L	8L	12L	12L	24L	

