

Model		PTS-H2-15	PTS-H2-20	PTS-H2-25	PTS-H2-30	PTS-H2-40	PTS-H2-50	PTS-H2-100
Heat Pipe Solar Collector	Tubes (PCS)	15	20	25	30	40	50	100
	Three Target Vacuum Tube	Diameter/Length: $\phi 58\text{mm}/1800\text{mm}$ ; High boron and silicon content 3.3; Structure: Gradual change SS-AL-Nx/Cu selective absorption coating; Vacuum Degree: $P \leq 5 \times 10^{-3}$ ;						
	Heat Pipe	Condesor: $\phi 14 \times 70\text{mm}$ ; Thickness: 0.5mm ; Material: red copper TU1+water; Transfer Power: $\geq 150\text{W}$ ; Working Pressure: 4Mpa; Welding Pressure: 4Mpa;						
	Outer Shell/Bracket - Alluminum Alloy		Insulation Layer - Rock wool		Dustproof Rubber - EPDM		Dsily Heat Gain - 8.5MJ/m <sup>2</sup>	
	Inlet/outlet - 22mm/3/4"		Tailstock - ABS		Temperature - 250 °C		Work Pressure - 0.6MPa	
	Contour Area	2.32m <sup>2</sup>	3.10m <sup>2</sup>	3.78m <sup>2</sup>	4.52m <sup>2</sup>	6.20m <sup>2</sup>	7.56m <sup>2</sup>	15.12m <sup>2</sup>
	Aperture Area	1.43m <sup>2</sup>	1.89m <sup>2</sup>	2.36m <sup>2</sup>	2.83m <sup>2</sup>	3.8m <sup>2</sup>	4.72m <sup>2</sup>	9.44m <sup>2</sup>
	Absorption Area	1.22m <sup>2</sup>	1.62m <sup>2</sup>	2.04m <sup>2</sup>	2.43m <sup>2</sup>	3.24m <sup>2</sup>	4.06m <sup>2</sup>	8.16m <sup>2</sup>
	Quantity (PCS)	15tubes*1	20tubes*1	25tubes*1	30tubes*1	20tubes*2	25tubes*2	25tubes*4
Water Tank	Capacity	150L	200L	250L	300L	400L	500L	1000L
	Top Copper Coil (mm*M)	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 20$	$\Phi 19 \times 30$
	Bottom Copper Coil (mm*M)	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 15$	$\Phi 16 \times 25$	$\Phi 16 \times 30$	$\Phi 19 \times 40$
	Polyurethane Foaming (mm)	55	50	50	50	60	60	100
	Outer Tank	Color Steel Plate/ Enamel White						
		$\Phi 470/0.5$	$\Phi 550/0.5$	$\Phi 580/0.5$	$\Phi 580/0.5$	$\Phi 700/0.5$	$\Phi 700/0.5$	$\Phi 1000/0.5$
	Inner Tank	SUS 304 2B , Working pressure-6 bar, Test pressure-12 bar						
		$\Phi 360/1.2$	$\Phi 450/1.5$	$\Phi 480/1.5$	$\Phi 480/1.5$	$\Phi 580 \times 2.0$	$\Phi 580 \times 2.0$	$\Phi 800/2.5$
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	

