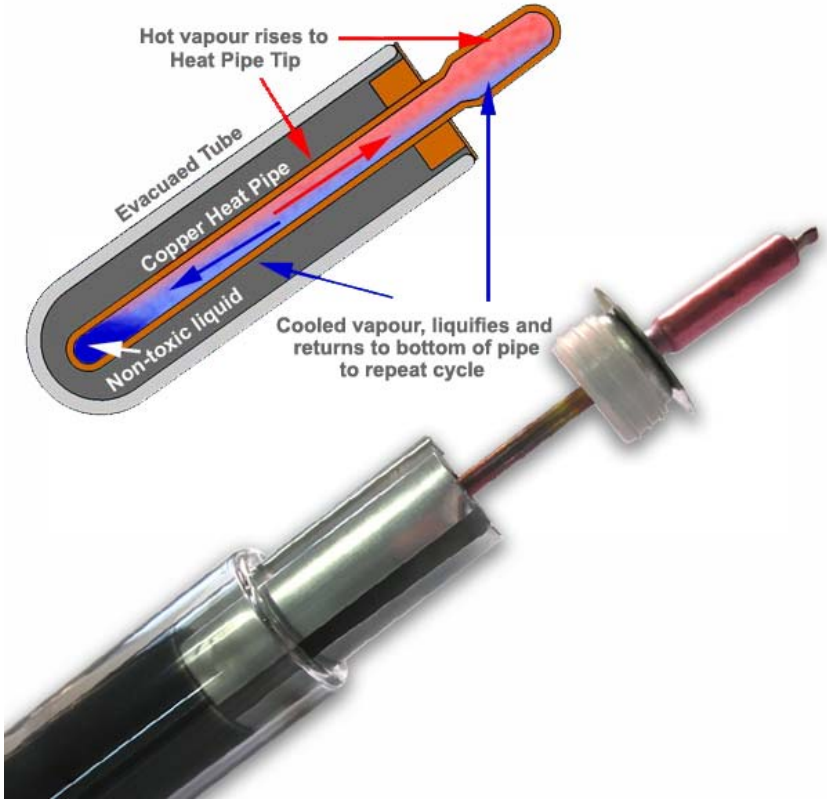
Name: All-Glass Evacuated Solar Collector Tube with Heat Pipe

Glass Tube:

Length	1500mm	1800mm
Outer tube diameter	47mm	58mm
Inner tube diameter	37mm	47mm
Weight	1.3kg	2.2kg
Glass thickness	1.6mm	1.6mm
Material	Borosilicate Glass 3.3	Borosilicate Glass 3.3
Absorptive coating	Graded Al/N/Al	Graded Al/N/Al
Vacuum degree	P<5×10^{-3} Pa	P<5×10^{-3} Pa
Thermal expansion	3.3×10^{-6} /°C	3.3×10^{-6} /°C
Insolation Temperature	>200°C	>200°C
Absorptance	>93%	>93%
Emissivity	<8%	<8%
Heat loss	<0.8W/(m^2°C)	<0.8W/(m^2°C)
Maximum pressure	0.8Mpa	0.8Mpa
Resist cold	-35 °C	-35 °C
Resist hailstone	Ø 25mm	Ø 25mm
Resist wind	30m/s	30m/s
Start-up temperature	≤25°C	≤25°C



Heat Pipe:

	Φ47mm×1.5M Heat Pipe	**Φ58mm×1.8M Heat Pipe**
Copper Material	TP2 Non-oxo Copper TP2	
Medium	Inorganic Medium	
Pipe diameter	Φ8mm	
Dimension of heat exchange end	Φ14mm×64.5mm	
Weight	196g	240g
Length	1370mm	1680mm
Pipe thickness	0.75mm	
Start-up temperature	≤25℃	
Insolation Temperature	>250°C	

Absorber (Heat transfer) Fin:

Material	Aluminum	
Thickness	0.15mm	
Shape (Flat or Cylindrical)	Cylindrical	
Length	1430mm	1680mm
Quantity	2 pcs / 1 pairs	2 pcs / 1 pairs