

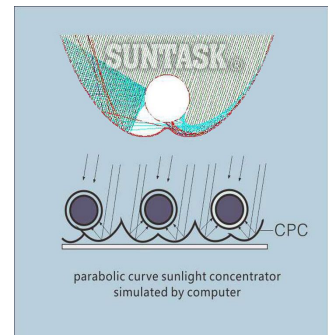
Hot Water, Powered by the Sun, Delivered by Suntask.

**PRODUCT DATA**

**SHC CPC vacuum tube Solar Collector**

**Technical Specifications**

Tube Length	1800mm
Outer Tube Diameter	58mm
Inner Tube Diameter	47mm
Tube Thickness	1.6mm
Tube Material	Borosilicate glass
Tube Coating	SS-CU-ALN/AIN
Thermal Expansion	3.3*10 <sup>-6</sup>
Absorptivity Coefficient	95%
Emissivity Coefficient	8%
Vacuum	P < 5*10 <sup>-3</sup> Pa
Heat Loss	< 0.7 W/m <sup>2</sup> c
Header Pipe Material	Copper
Head Pipe Diameter	Φ35
Heat Pipe Material	TU1
Heat Transfer Medium	pure water/glycol
Condenser	Φ14
Fin Material	Aluminum
Insulation Material	Glass fiber
Manifold Material	anodized Aluminum
Frame Material	Aluminum alloy
Maximum Testing Pressure	1 Mpa
Stagnation Temperature	285°C
Recommended Flow Range	180 l/m <sup>2</sup> h*
Inlet/outlet Connection	22mm



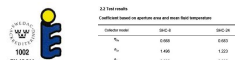
**Suntask unique design and Advantages**

1. CPC reflector - 360° angel light focusing
2. Fast assemble & highest output power
3. In summer, CPC could be taken off avoid over heating
4. Tube to tube hole 11cm, Bigger Aperture area
5. Width: SHC8=SCM12, SHC10=SCM15, SHC14=SCM20, SHC24=SCM30
6. SHC20 is cheaper than SCM30

Model name	SHC8	SHC9	SHC10	SHC12	SHC14	SHC15	SHC16	SHC18	SHC20	SHC21	SHC22	SHC24
Number of tube	8	9	10	12	14	15	16	18	20	21	22	24
Aperture area	1.42m <sup>2</sup>	1.61m <sup>2</sup>	1.80m <sup>2</sup>	2.17m <sup>2</sup>	2.55m <sup>2</sup>	2.74m <sup>2</sup>	2.93m <sup>2</sup>	3.31m <sup>2</sup>	3.68m <sup>2</sup>	3.87m <sup>2</sup>	4.06m <sup>2</sup>	4.44m <sup>2</sup>
Install size (LxW)cm	100*200	110*200	120*200	140*200	170*200	180*200	190*200	200*200	230*200	240*200	250*200	280*200
Aperture efficiency	0.683											

**Solar Keymark Certificate**

Registration No.: SP SC0055-14

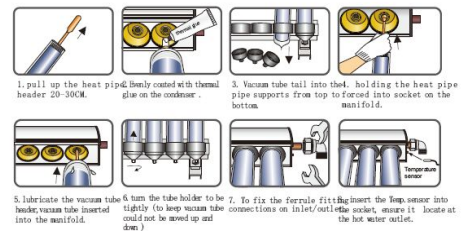
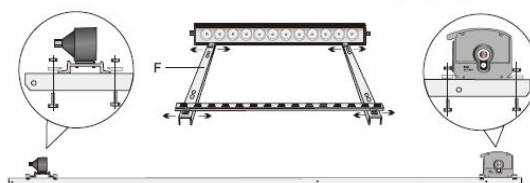


Email: andrea@suntask.com

Skype: fcj\_solar

WhatsApp: +8615858325615

A. to install the manifold and bottom track on the front tracks F, to fix it by the press pads.



CPC mounting (only for the SHE series)

