

## VACUUM TUBE COMPOUND PARABOLIC COLLECTOR VCPC

The Heliodyne Vacuum Tube CPC collector is ideal for those systems needing a high performance at high delta T's such as solar make up heating for steam boilers, absorption chillers for solar cooling systems or industrial process heating.

- The Sunlight concentrators increases the efficiency
- CPC concentrators are easy to assemble this makes installation and transportation convenient
- The 360°sunlight absorber provides hot water on cloudy days as well
- The CPC concentrators can be dismantled in summer to protect the collector from overheating
- The temperature startup is faster than the normal solar thermal collectors
- Applicable for the industry heating
- More thermal production based on the temperature area
- EN12975/Solar Keymark

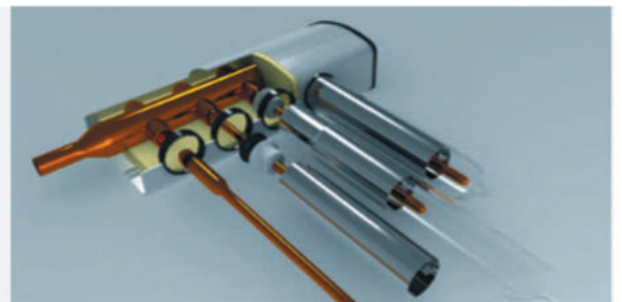


## CPC reflector

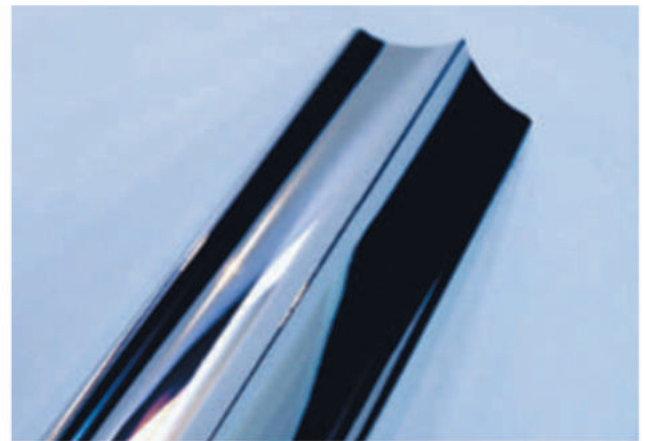
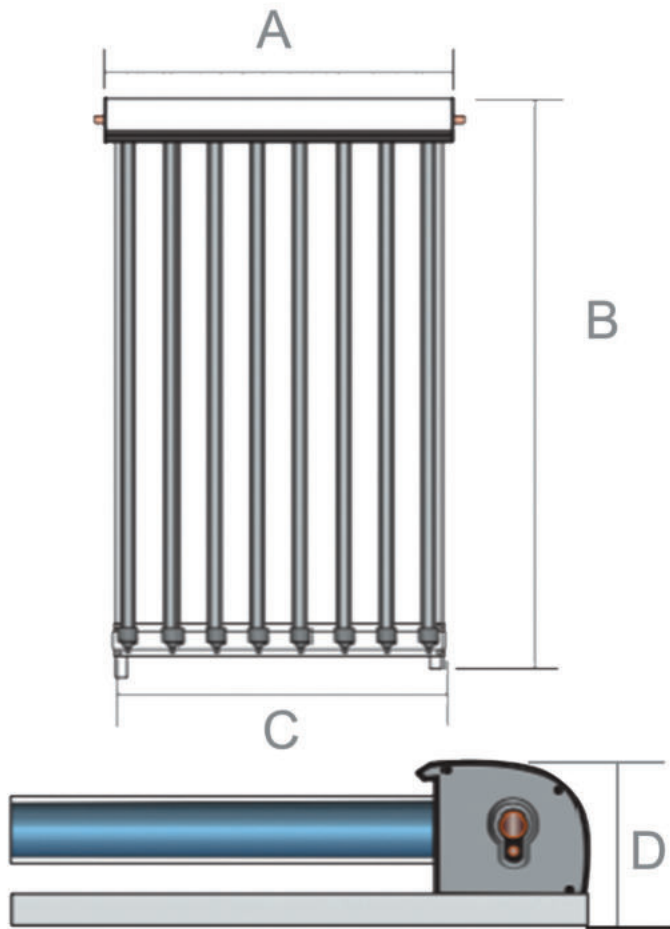
CPC Reflector provides maximum performance with minimum dimensions. The absorber is bigger than gross surface area, it has three-dimensionally (360°) shaped absorbers for the greatest possible energy collecting surface. This utilizes up most of the diffuse and direct radiation from morning to evening.

360° absorber tube utilizes solar energy year-round in the most efficient way and provides the users with free energy even during bad weather.

The high-performance heat pipe,  
cold resistance - 45°Highest  
stagnation temperature 280°C



# TECHNICAL SPECIFICATIONS



Models	Vacuum tuber	Condenser (mm)	Heat pipe	CPC	Thicker heat pipe	Adjus table frame	Capacity (Liter/Day /60°C)	Effective Collector area m <sup>2</sup>	size (mm)				Qty(set)		Remarks
									A	B	C	D	20'ft	40'hq	
VCPC 008 000	58X1800*8Pc	14	•	•	•	•	110-130	1.42	910	1980	828	133	178	433	
VCPC 010 000	58x1800*10Pc	14	•	•	•	•	140-170	1.80	1130	1980	1048	133	154	374	
VCPC 012 000	58x1800*12Pc	14	•	•	•	•	160-180	2.17	1350	1980	1268	133	144	349	
VCPC 015 000	58x 1800*15Pc	14	•	•	•	•	200-220	2.74	1680	1980	1598	133	116	282	
VCPC 018 000	58x1800*18Pc	14	•	•	•	•	250-270	3.31	2010	1980	1928	133	97	236	
VCPC 020 000	58x 1800*20Pc	14	•	•	•	•	280-300	3.68	2230	1980	2148	133	85	207	
VCPC 024 000	58x1800*24Pc		•	•	•	•									

VCPC05122020 Excellence by Design® is a registered trade mark of Heliodyne Inc.

Heliodyne Hong kong Ltd • Room 2407,24/F,Windsor House,311 Gloucester Road • Cause Bay,Hong Kong  
 • Information and Support: sales@heliodynehongkong.com  
 • www.heliodynehongkong.com

**heliodyne**  
HONG KONG