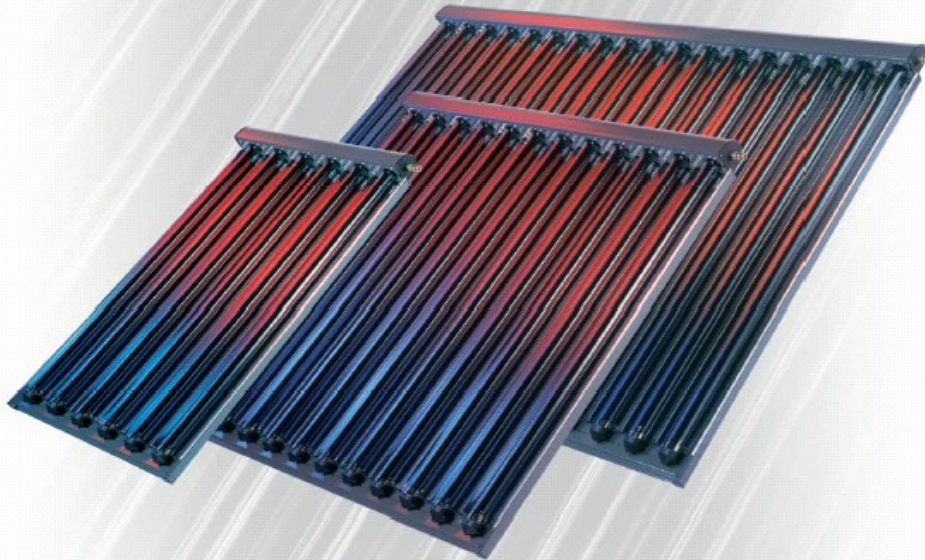


Azzuro Solar CPC Collector specifications



Item	Units	CPC6	CPC12	CPC18
No. Of evacuated tubes		6	12	18
Required mounting brackets per collector		2	2	3
Collector height	m	1.64	1.64	1.64
Collector depth	m	0.1	0.1	0.1
Collector width	m	0.7	1.39	2.08
Gross surface area	m ²	1.14	2.28	3.41
Aperture area	m ²	1.0	2.0	3.0
Collector capacity	l	0.8	1.6	2.4
Collector weight empty	kg	19	37	54
Collector weight empty	kg/ m ²	16.7	16.3	15.9
Collector weight full with water	kg/ m ²	17.5	17.85	18.25
Maximum pressure	bar	10	10	10
Maximum stagnation temperature	°C	295	295	295
Pipe connection diameter	mm	15	15	15
Sensor pocket inner diameter	mm	6	6	6
Heat transfer fluid		H ₂ O	H ₂ O	H ₂ O
Collector material		Al/Cu/Glass/Silicone /PBT/EPDM/TE		
Evacuated tube material		Borosilicate 3.3		
Evacuated tube dimensions	mm	O.D = 47, length = 1500		
Selective absorber layer		Aluminium nitrate		