CPC 1506

Evacuated tube collector with CPC-reflector - 6 evacuated tubes

for water, space and process heating, series connection

- **Pipe material:** Copper

Scope of delivery: Fully pre-assembled unit comprising

- Evacuated tubes based on the thermos flask principle
- Manifold with direct flow heat conduction unit and dry tube connection
- CPC-reflector

Collectors are packed in individual boxes. In addition, there is a sun protection sheet over the evacuated tubes.

Installation types:

- On-roof installation
- Flat roof / wall installation

Note: The manifold must always be mounted on top. The minimum angle for on-roof and flat roof installation is 15°.

SPECIFICATION

Series		CPC1506
No. of Evacuated Tubes		6

η (Aperture), DIN 4757-4 or EN 12975	%	64.2
c1 with wind, in relation to aperture	W/(m²k)	0.89
c2 with wind, in relation to aperture	W/(m²k²)	0.001
Yield forecast	kWh/m²a	651
(location Würzburg, Germany, reference area 3m²)		
Yield forecast	kWh/m²a	589
(location Würzburg, Germany, reference area 5m²)		
Grid dimensions (length x height x depth)	m	0.70 x 1.64 x 0.1
Gross surface area	m²	1.15
Aperture area	m²	1.0
Collector contents	l	0.8
Weight	kg	19
Max. working overpressure	bar	10
Max. stagnation temperature	°C	272
Connection diameter, clamping ring	mm	15
Sensor sleeve	mm	6
Collector material		AI / Cu / glass / Silicone / PBT / EPDM / TE
Glass tube material		Borosilicate glass 3.3
Selective absorber coating material		Aluminium nitride
Glass tube (Ø ext./Ø int./wall thckn./tube lgth.)	mm	47/37/1.6/1500
Colour (aluminium frame profile, anodised)		Aluminium grey
Colour (plastic parts)		Black
Thermal shock test	ITW test	06COL513/1
Hailstone test according to DIN EN 12975-2	TÜV test	435/142448
EC type examination		Z-IS-DDK-MUC-07-08-100029919-003

CPC 1512

Evacuated tube collector with CPC-reflector - 12 evacuated tubes

for water, space and process heating, series connection

- **Pipe material:** Copper

Scope of delivery: Fully pre-assembled unit comprising

- Evacuated tubes based on the thermos flask principle
- Manifold with direct flow heat conduction unit and dry tube connection
- CPC-reflector

Collectors are packed in individual boxes. In addition, there is a sun protection sheet over the evacuated tubes.

Installation types:

- On-roof installation
- Flat roof / wall installation

Note: The manifold must always be mounted on top. The minimum angle for on-roof and flat roof installation is 15°.

SPECIFICATION

Series		CPC1512
No. of Evacuated Tubes		12
η (Aperture), DIN 4757-4 or EN 12975	%	64.2
c1 with wind, in relation to aperture	W/(m²k)	0.89

c2 with wind, in relation to aperture	W/(m²k²)	0.001
Yield forecast	kWh/m²a	651
(location Würzburg, Germany, reference area 3m²)		
Yield forecast	kWh/m²a	589
(location Würzburg, Germany, reference area 5m²)		
Grid dimensions (length x height x depth)	m	1.39 x 1.64 x 0.1
Gross surface area	m²	2.28
Aperture area	m²	2.0
Collector contents	l	1.6
Weight	kg	37
Max. working overpressure	bar	10
Max. stagnation temperature	°C	272
Connection diameter, clamping ring	mm	15
Sensor sleeve	mm	6
Collector material		AI / Cu / glass / Silicone / PBT / EPDM / TE
Glass tube material		Borosilicate glass 3.3
Selective absorber coating material		Aluminium nitride
Glass tube (Ø ext./Ø int./wall thckn./tube lgth.)	mm	47/37/1.6/1500
Colour (aluminium frame profile, anodised)		Aluminium grey
Colour (plastic parts)		Black
Thermal shock test	ITW test	06COL513/1
Hailstone test according to DIN EN 12975-2	TÜV test	435/142448
EC type examination		Z-IS-DDK-MUC-07-08-100029919-003

CPC 1518

Evacuated tube collector with CPC-reflector - 18 evacuated tubes

for water, space and process heating, series connection

- **Pipe material:** Copper

Scope of delivery: Fully pre-assembled unit comprising

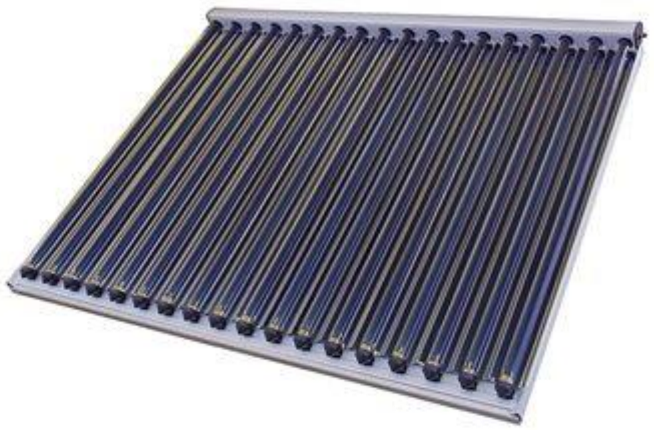
- Evacuated tubes based on the thermos flask principle
- Manifold with direct flow heat conduction unit and dry tube connection
- CPC-reflector

Collectors are packed in individual boxes. In addition, there is a sun protection sheet over the evacuated tubes.

Installation types:

- On-roof installation
- Flat roof / wall installation

Note: The manifold must always be mounted on top. The minimum angle for on-roof and flat roof installation is 15°.



SPECIFICATION

Series		CPC1518
No. of Evacuated Tubes		18
η (Aperture), DIN 4757-4 or EN 12975	%	64.2
c1 with wind, in relation to aperture	W/(m²k)	0.89

c2 with wind, in relation to aperture	W/(m²k²)	0.001
Yield forecast	kWh/m²a	651
(location Würzburg, Germany, reference area 3m²)		
Yield forecast	kWh/m²a	589
(location Würzburg, Germany, reference area 5m²)		
Grid dimensions (length x height x depth)	m	2.08 x 1.64 x 0.1
Gross surface area	m²	3.41
Aperture area	m²	3.0
Collector contents	l	2.4
Weight	kg	54
Max. working overpressure	bar	10
Max. stagnation temperature	°C	272
Connection diameter, clamping ring	mm	15
Sensor sleeve	mm	6
Collector material		AI / Cu / glass / Silicone / PBT / EPDM / TE
Glass tube material		Borosilicate glass 3.3
Selective absorber coating material		Aluminium nitride
Glass tube (Ø ext./Ø int./wall thckn./tube lgth.)	mm	47/37/1.6/1500
Colour (aluminium frame profile, anodised)		Aluminium grey
Colour (plastic parts)		Black
Thermal shock test	ITW test	06COL513/1
Hailstone test according to DIN EN 12975-2	TÜV test	435/142448
EC type examination		Z-IS-DDK-MUC-07-08-100029919-003