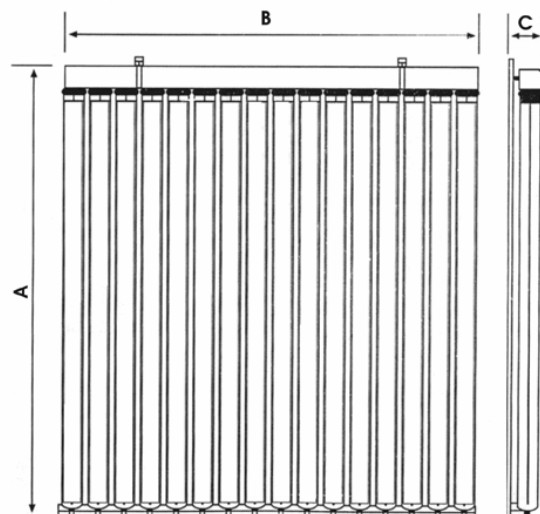




DIMENSIONS

Module Type	Sonce 1 -8 (Seido 1-8)	Sonce 1 -16 (Seido 1-16)
A (mm)	2160	2160
B (mm)	960	1920
C (mm)	180	180



SPECIFICATIONS

		
Model Type	Sonce 1-8 (Seido 1-8)	Sonce 1-16 (Seido 1-16)
Tube Construction	Heat Pipe with Flat Absorber Vacuum Tube	
Number of collector pipes	8	16
Absorber Surface	1.4 m ²	2.8 m ²
Weight	50 kg	100 kg
Pressure Drop per module at 100 l/h	5 mbar	10 mbar
Fluid Content	0.48 L	0.96 L
Glass Material	High Quality borosilicate glass	
Glass Tube diameter	100 mm	100 mm
Wall Thickness	2.5 mm	2.5 mm
High Vacuum, long term stability	< 10 ⁻⁵ mbar	< 10 ⁻⁵ mbar
Absorber Material	aluminum	
Coating	Aluminum Nitride	
Absorption Coefficient	>92%	>92%
Emission Coefficient	<8%	<8%
Angle of Inclination	15° to 90°	15° to 90°
Test Pressure	10 bar	10 bar
Permissible Operating Pressure	6 bar	6 bar
Max. Temperature	190° C	190° C
Non-operating mode	247° C	247° C