

Millionsun solar air collector

Solar air collector is a specific collector developed by Millionsun solar from 2009. Different from the traditional solar collector using the water as the heat transfer fluid, solar air collector heats the air directly by using the air as heat transfer medium. Air drawn through the system absorbs the collector's heating, rising in temperature by as much as required temperature, and then the warm air returns to the drying chamber for the drying operation, or passes into the living room for heating. Solar air collector can be widely used in industrial and agricultural drying and space heating, etc.



Collector Type M-SBC/2.0-SAC

Description	Unit	Specification
Dimension (LXWXH)	mm	2000X1000X82
Gross Area	m ²	2.00
Aperture Area	m ²	1.86
Weight of the empty collector	Kg	30
Max. idle temperature	°C	130
Angle of inclination		20° to 90°
Cover	Cover material	Low iron patterned tempered glass
	Cover thickness	3.2 mm
	Cover transmission	≥93%
Absorber	Material	Full Aluminium sheet
	Coating	Blackchrome
	Surface treatment	Absorptivity 95%±2% Emissivity 5%±2%
Insulation	Material	polyurethane
Frame	Material	Aluminium alloy 6063
	Thickness	95mm / 80mm
Back plate	Material	Aluminium sheet (0.5mm thickness)

