

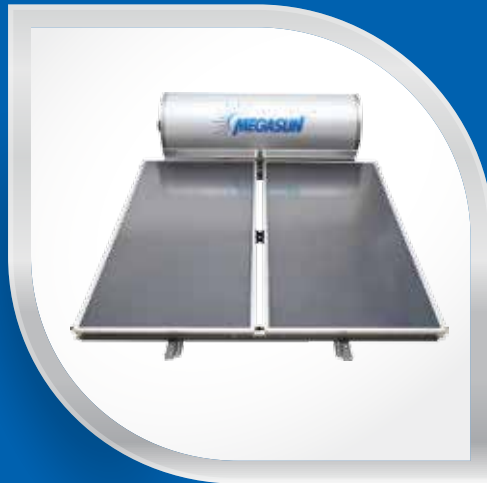


saving energy



economic

CATALOGUE



VACUUM TUBE SOLAR WATER HEATER MEGASUN® KSS-E

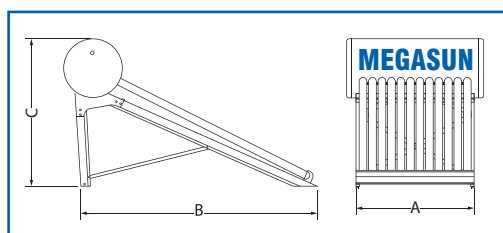


- Interior** - Stainless Steel SUS304
Resists corrosion and erosion
- Insulate** - Polyurethane foam
Keep temperature for a long time
- Exterior** - Stainless Steel SUS304
Resists corrosion and erosion
- Bracket** - Aluminium Alloy
Durable and Anti-corrosion
- Tube** - High quality evacuated tube
High absorption

TECHNICAL SPECIFICATION

Model	MEGASUN® 1815KSS-E	MEGASUN® 1818KSS-E	MEGASUN® 1820KSS-E	MEGASUN® 1824KSS-E	MEGASUN® 1830KSS-E
Heating capacity (Liters)	150 Liters	180 Liters	200 Liters	240 Liters	300 Liters
No. of tube	15	18	20	24	30
Type of vacuum tube	High quality evacuated tube				
Dimension of Tube	Ø58mm x 1.800mm				
Manifold interior	Stainless Steel SUS304-2B 0.5 mm thickness				
Manifold exterior	Stainless Steel SUS304-2B 0.4 mm thickness				
Bracket	Aluminium Alloy				
Insulating material	Polyurethane plastic foam 55 mm				
Electric support connector	Ø 47mm				
Installation space (L x W x H) cm	130x196x135	152x196x135	167x196x135	197x196x135	242x196x135
Dimension of bracket frame (L x W) cm	115.5x186	138x186	153x186	183x186	228x186

DIMENSION



MODEL	1815KSS-E	1818KSS-E	1820KSS-E	1824KSS-E	1830KSS-E
A	1155	1380	1530	1830	2280
B	1875	1875	1875	1875	1875
C	1200	1200	1200	1200	1200

VACUUM TUBE SOLAR WATER HEATER MEGASUN® KAE-E

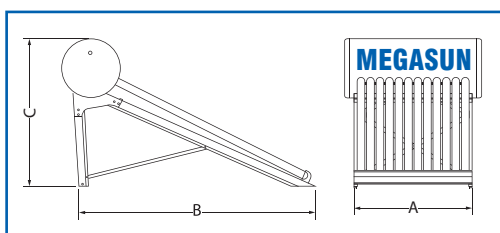


- Interior**
 - Stainless Steel SUS304
 - Resists corrosion and erosion
- Insulate**
 - Polyurethane foam
 - Keep temperature for a long time
- Exterior**
 - Galvanized Steel
 - Durable and Easy care
- Bracket**
 - Galvanized Steel
 - Durable and Easy care
- Tube**
 - High quality evacuated tube
 - High absorption

TECHNICAL SPECIFICATION

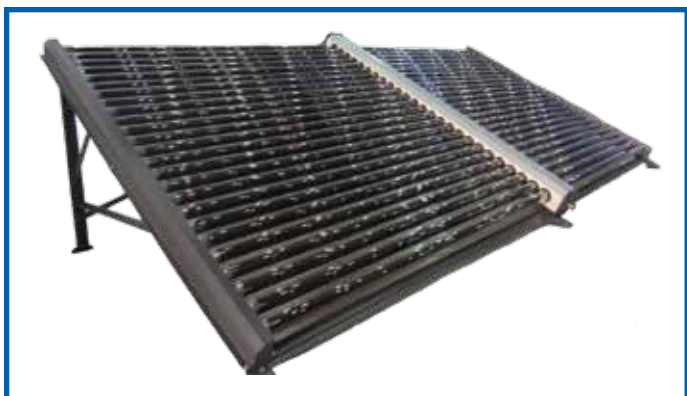
Model	MEGASUN® 1815KAE-E	MEGASUN® 1818KAE-E	MEGASUN® 1820KAE-E	MEGASUN® 1824KAE-E	MEGASUN® 1830KAE-E
Heating capacity (Liters)	150 Liters	180 Liters	200 Liters	240 Liters	300 Liters
No. of tube	15	18	20	24	30
Type of vacuum tube	High quality evacuated tube				
Dimension of Tube	Ø58mm x 1.800mm				
Manifold interior	Stainless Steel SUS304-2B 0.5mm thickness				
Manifold exterior	Galvanized Steel 0.4 mm thickness				
Bracket	Galvanized Steel 1.5mm thickness				
Insulating material	Polyurethane plastic foam 55 mm				
Electric support connector	Ø 47mm				
Installation space (L x W x H) cm	130x200x135	152x200x135	167x200x135	197x200x135	242x200x135
Dimension of bracket frame (L x W) cm	115.5x190	138x190	153x190	183x190	228x190

DIMENSION



MODEL	1812KAE-E	1815KAE-E	1818KAE-E	1820KAE-E	1824KAE-E	1830KAE-E
A	930	1155	1380	1530	1830	2280
B	1900	1900	1900	1900	1900	1900
C	1305	1305	1305	1305	1305	1305

VACUUM TUBE SOLAR COLLECTOR MEGASUN MGS-VC1850



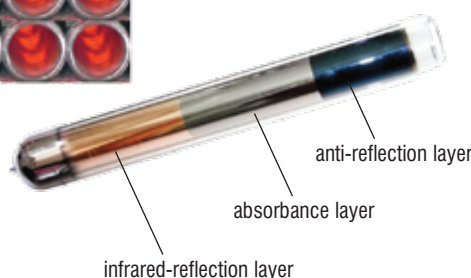
DESCRIPTION

MEGASUN MGS-VC1850 Solar Collector used for centralized solar water heating system, with high absorption capacities and flexible expansion.

MEGASUN MGS-VC1850 Solar Collector can be installed seperatedly or connected to many to form a array of collector for higher capacities.

MEGASUN MGS-VC1850 Solar Collector are manufactured to conformed EU standard and certified CE marking.

EVACUATED TUBE SPECIFICATION



COLLECTOR SPECIFICATION

- Type of tube: High quality evacuated tube
- Tube dimension: dia. 58 mm & leng. 1800 mm
- Number of tubes: 50 pcs / unit
- Glass material: high Borosilicate glass
- Manifold interior: INOX SUS304 0.6 mm thickness
- Manifold exterior: Galvanized Steel or INOX SUS304 0.4 mm thickness
- Bracket: Galvanized Steel 1.2mm thickness
- Insulating material: Polyurethane plastic foam 25 mm
- Heating capacities: 500 - 1000 liters / day
- Heavy rain capacities: dia. up to 25 mm
- Wind-resistant capacities: 35 m/s
- Joint material: silicon, up to 200 Celcius degree
- Collector dimension: 3760 mm x 2010 mm

The specification is subject to change without any notice.
Please find updated information at www.megasun.com.vn

- Structure: All-glass double-tube co-axial structure
- Dimenstion: 58 mm x 1800mm
- External pipe diameter and thickness:
dia. = 58 ± 0.7 mm & = 1.8mm
- Internal pipe diameter and thickness:
dia. = 47 ± 0.7 mm & = 1.6mm
- Glass material: high Borosilicate glass
- Vacuum tightness: $P < 5 \times 10^{-3}$ Pa
- Average heat loss coefficient: $0.4 \sim 0.6$ W/m².°C
- Solar irradiation for obtaining a preset water temperature: $H = 3.7 \sim 4.2$ MJ/m²

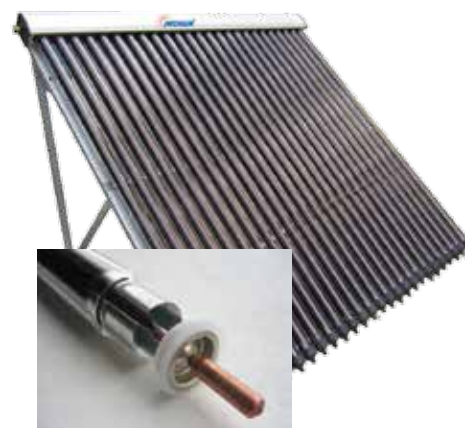
PRESSURED HEATPIPE SOLAR COLLECTOR MEGASUN MGS-VCC1820

FEATURES

- Pressurized solar collectors are suitable for both home and commercial application
- Using copper heat pipes for high-efficient heat collecting and rapid heat transfer
- Brazed copper header with great corrosion-resistance
- Attractive design and standard frame suitable for pitched roof or flat roof. It can be combined with the architecture perfectly
- No water in vacuum tubes, so the tubes will not break even in the winter
- It can be still operated in the event of occasional tube breakages

SPECIFICATION

- Tube dimension: dia. 58 mm & leng. 1800 mm
- Number of tubes: 25 pcs / unit
- Glass material: high Borosilicate glass
- Manifold interior: INOX SUS304 0.6 mm thickness
- Manifold exterior: Galvanized Steel or INOX SUS304 0.4 mm thickness
- Bracket: Galvanized Steel 1.2mm thickness
- Insulating material: Polyurethane plastic foam 25 mm
- Heating capacities: 200 - 300 liters / day

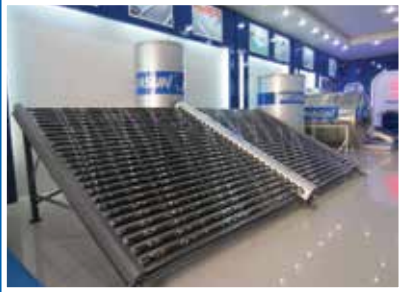


- Heavy rain capacities: dia. up to 25 mm
- Wind-resistant capacities: 35 m/s
- Joint material: silicon, up to 200 Celcius degree

The specification is subject to change without any notice.
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CENTRALIZED SOLAR WATER HEATING SYSTEM

suitable for hotel, restaurant, industrial production



TECHNICAL SPECIFICATION

Model	MEGASUN® 500	MEGASUN® 1000	MEGASUN® 2000	MEGASUN® 3000	MEGASUN® 4000	MEGASUN® 5000
Heating capacity (Liters)	500 Liters	1000 Liters	2000 Liters	3000 Liters	4000 Liters	5000 Liters
No. of collectors Model MGS-VC1850 (50pcs/sheet)	1 sheet	2 sheets	4 sheets	6 sheets	8 sheets	10 sheets
Type of vacuum tube	High quality evacuated tube					
Dimension of Tube	Ø58mm x 1.800mm					
Dimension of Collector	3760mm x 2010mm					
Manifold interior	Stainless Steel SUS304-2B 0.6mm thickness					
Manifold exterior	Galvanized Steel or Stainless Steel SUS304 0.4 mm thickness					
Bracket	Galvanized Steel or Stainless Steel 430 1.5mm thickness					
Insulating material	Polyurethane plastic foam 55 mm					
Electric support connector	Ø 49mm					
Water inlet / outlet	Ø 32mm	Ø 39mm				
Min. space for installation	12 m ²	24 m ²	46 m ²	68 m ²	85 m ²	107 m ²

OPTION



Hot Water
Booster Pump



Hot Water
Circulation Pump



Controller



Resistant for
back-up heating



Heat Pump



Flow meter &
thermometer

We also offer custom design for customer's specification and OEM service.
Please contact us at info@megasun.com.vn for more information.