

## NON-PRESSURIZED COLLECTOR

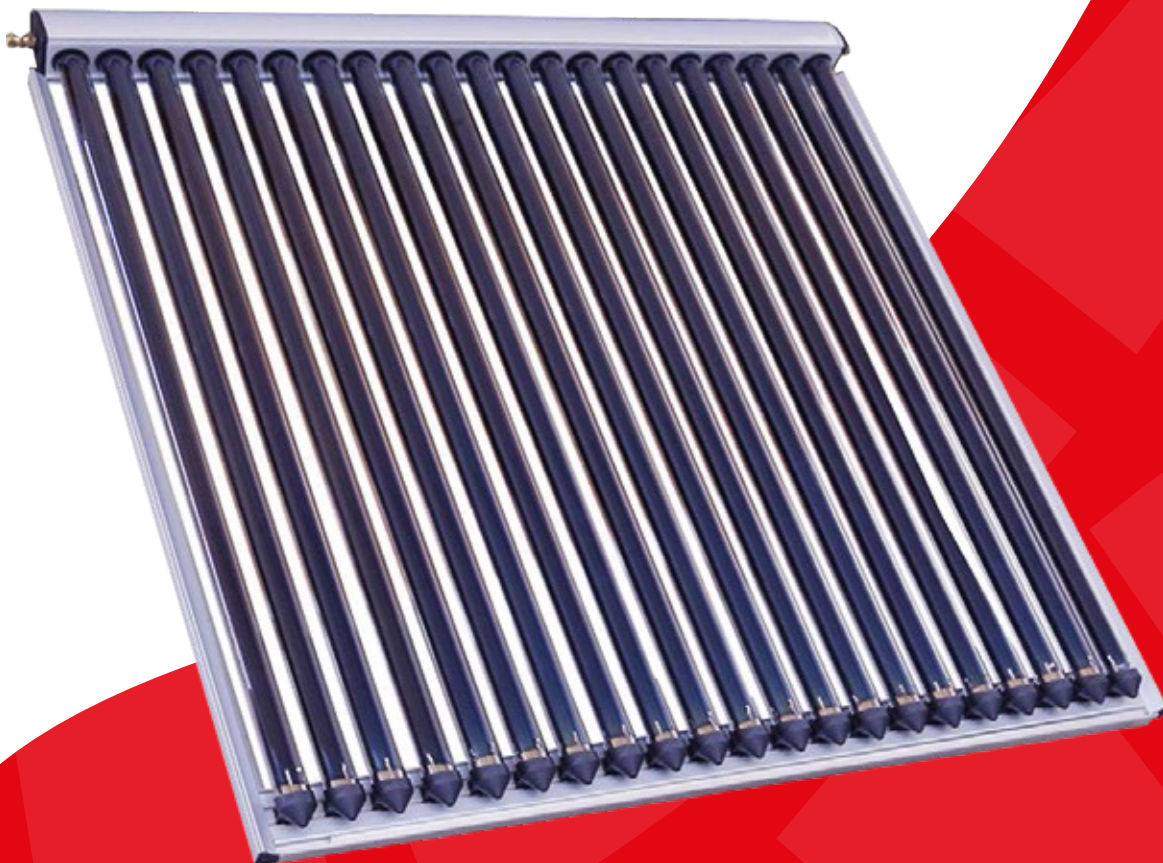
**Siema** collector is a non-pressurized evacuated tube system, solar collectors that convert energy from the sun into usable heat. This energy can be used for domestic and commercial hot water heating, central heating, pool heating and air conditioning.

### BRIEF SPECIFICATION:

- The inner part of the manifold: is made of stainless steel SUS304/SUS316; thickness: 0.5 mm - 1.2 mm.
- Outer tank: Pre-painted galvanized steel/ aluminum-zinc coated or powder coated galvanized steel, 0.5-0.4mm.
- Insulation: polyurethane 50-40mm thickness.
- Vacuum tube: QB-AL-N/AL, 1800-58.
- Frame: galvanized steel.

### SOLAR WATER MANIFOLD:

- The Inner water storage part is made of stainless steel SUS 304/316 which belongs to food grade and have better resistance to corrosion.
- The manifold is non-pressurized, it should always be opened since it's pressure should equal the atmosphere.
- The manifold should always be filled with water to avoid any damage to the tank.



Type	Glass-Glass Evacuated Tube
Pressure	Non-pressurized
Method of Heating	Indirect, Close lope
Method of Connection	Split
Product v Model	VSM
No. of Tubes	30 - 24 - 20 - 18 - 15, and as requested

Model	No. of tubes	System capacity (liter)	Absorbing area (m <sup>2</sup> )	Aperture area (m <sup>2</sup> )	Weight (kg)	Dimentions (mm)		
						Width	Depth	Hight
VSM 15	15	95	2.09	1.4	61	1350	1620	1100
VSM 18	18	98	97	1.69	68	1610	1620	1100
VSM 20	20	99	2.76	1.88	72	1750	1620	1100
VSM 24	24	102	3.31	2.26	83	2070	1620	1100
VSM 30	30	109	4.14	2.82	98	2550	1620	1100
Vacum tube size			Ø58 x 1800		Specifications are subject to change without prior notice.			
Maximum working pressure			0.5 bar					
Steel thickness of inner tank:			0.5 mm					

**Note:** thickness of the stainless steel of the inner tank may be changed upon request.

