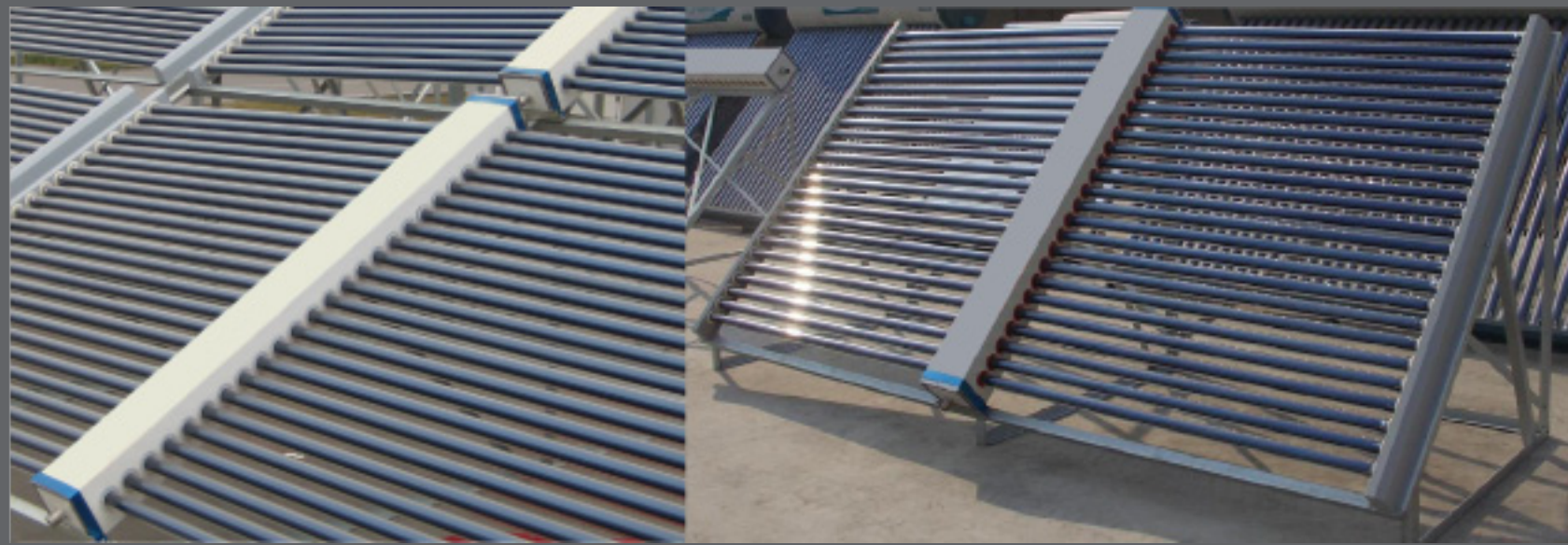


SunMaxx™

Evacuated Tube Project Solar Collectors



SunMaxx project-scale evacuated tube solar collectors represent a new standard in solar energy technology. Combining cutting-edge performance and efficiency with highly competitive pricing, SunMaxx is the leader in offering renewable energy solutions to alternative energy project developments.

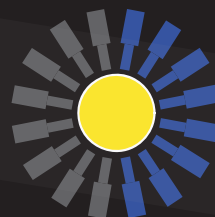
Through numerous innovations, SunMaxx has designed a system that ensures globally competitive efficiency and pricing. The SunMaxx project collectors are non-pressure style collectors, with a signature horizontal style design, allowing a larger number of solar collectors to be installed in a smaller space. This unique space-saving design makes SunMaxx project collectors extremely popular for today's leading large scale solar thermal installations.

There are two models of project solar collectors available; the SunMaxx-20EVPC (20 tubes) and the SunMaxx 50EVPC (50 tubes). These configurations allow SunMaxx solar collectors to be sized for any solar heating application, including multi-residential, commercial, municipal, agricultural and industrial systems.

SunMaxx solar collectors vigorously tested to ensure that each product is a global leader in reliability, heat output, and return on investment.

Features:

- Ultra-high performing evacuated tube project-scale solar collector
- Extended warranty available
- Design optimized for large-scale installations
- Multiple mounting and installation options



Technical Specifications & Features

Series Specifications

Glass Tube Thickness	0.07"
Glass Tube Material	Borosilicate Glass 3.3
Tube Thermal Expansion	3.3×10^{-6} °C
Absorptive Coating	ALN/SS-ALN/ Cu
Absorbance	> 90% (@ AM 1.5)
Emittance	7% (@ 212 °F)
Temperature Resistance	32 - 428 °F
Inner Header Material	Stainless Steel 304
Inner Header Thickness	0.02"
Outer Header Material	Painted Steel
Outer Header Thickness	0.016"
Insulation Material	Polyurethane
Insulation Density	1.81 ± 0.06 lbs/ft ³
Mounting Frame Material	Galvanized Steel
Mounting Frame Thickness	0.06"
Header Connection	3/4" M
Warranty	10 Years
Warranty (if not installed by a SunMaxx certified installer)	3 Years
Expected Lifetime	over 15 Years

Collector Specifications

Model	SuMaxx- 20EVPC	SunMaxx- 50EVPC
Orientation	Vertical	Horizontal
# of Tubes	20	50
Tube Length (in)	71	59
Outer Tube Diameter (in)	2.28	1.85
Inner Tube Diameter (in)	1.85	1.46
Dimensions (inches)	67 x 67 x 68 (at 45° tilt)	152 x 79 x 57
Weight (lbs) (dry)	150	384
Absorbent Surface (ft ²)	45.2	67.3
Water Weight (lbs)	132	179
Water Volume (g)	15.8	21.5
Total Filled Weight (lbs)	283	563