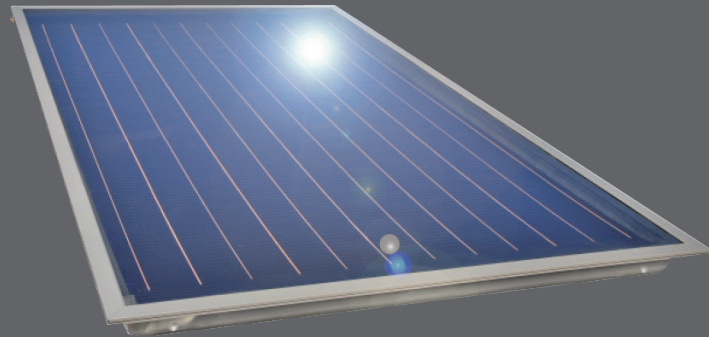


# SunMaxx™

## M25 Premium Flat Plate Collector



The M25 premium flat plate collector is a bold new step in the solar thermal industry. Combining advanced technologies and manufacturing processes from around the world, the M25 is able to offer cutting-edge performance and premium quality with highly competitive pricing.

Through numerous innovations in design, SunMaxx ensures that each customer receives a solar thermal product that represents the cutting edge of worldwide technology. SunMaxx M25 flat plate collectors are an industry leader in efficiency, durability, heat output, and price, thanks to a perfected process of engineering, design, and manufacturing.

The M25 Flat Plate is able to guarantee 100% tightness and long service life through the ultra-close sealant between glass clip frames, tray, and the circumferential EPDM rubber profile. Its innovative absorber mounting and laser welded fixing is perfected

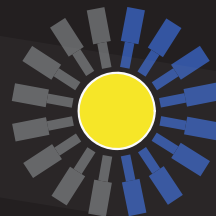
for its Aluminum or Copper, selective vacuum coated absorbers. The modular, time saving mounting system of the M25 collector is safe, cost effective, convenient and simple for any installation surface. The versatility of these collectors makes them suitable for all types of solar heating applications, including residential, commercial, agricultural and industrial systems.

The M25 Solar Collector features not only cutting edge performance, but an elegant, functional appearance. The glass absorber coating, sleek aluminum siding, and perfected mounting method makes the M25 resemble an aesthetic skylight.

SunMaxx solar collectors are independently tested and certified by the world's leading solar energy authorities. The M25 solar collector is solar keymark, ISO, and UL and SRCC certified.

### Features:

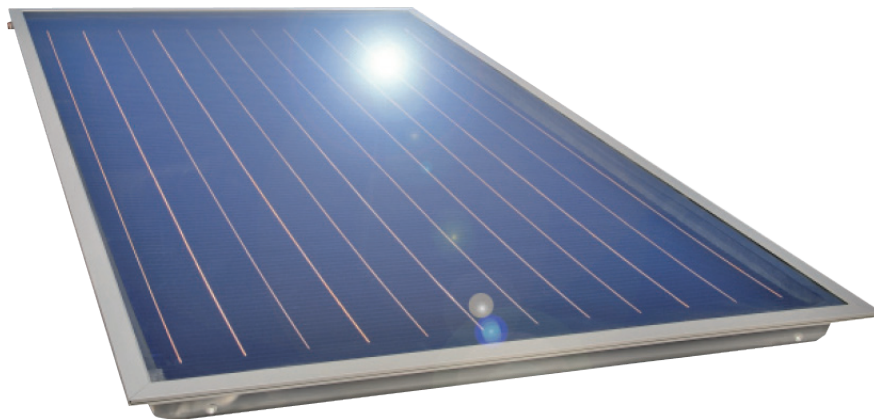
- Advanced, sleek design for maximum Efficiency and reliability.
- Produced using robotic production lines and laser welding technology.
- Overall Area: 27.5ft<sup>2</sup> (2.02m<sup>2</sup>)
- Weight: 77.16lbs (35kg)
- Absorber: Selectively Coated Cu or Al Sheet
- Absorption: 95%
- Installation Angle: 15-75°
- Heat Transfer Fluid: Water/Polypropylene Glycol Mixture
- SRCC OG-100 Certified for Maximum government incentives.



# SunMaxx M25 Technical Specifications & Features

## Series Specifications

<b>Collector Name:</b>	M25 Premium Flat Plate Solar Collector
<b>Overall Area:</b>	27.5ft <sup>2</sup> (2.55m <sup>2</sup> )
<b>Aperture Area:</b>	25.7ft <sup>2</sup> (2.29m <sup>2</sup> )
<b>Absorber Area:</b>	23.8ft <sup>2</sup> (2.21m <sup>2</sup> )
<b>Absorber Type:</b>	Cu or Al, highly selective vacuum coated
<b>Weight:</b>	95lbs (43kg)
<b>Dimensions</b>	92.8 x 42.6 x 3.9inches (2356 x 1081 x 100mm)
<b>Absorber Capacity:</b>	0.40 Gal (1.5l)
<b>Absorption:</b>	95%
<b>Emissivity:</b>	5%
<b>Glass</b>	0.126" (3.2mm) tempered solar safety glass
<b>Glass Transmittance</b>	90.2%
<b>Insulation:</b>	1.6/2" (40/50mm) mineral wood plate
<b>Connections:</b>	Compression joint, coupling nut with flat seal
<b>Installation Angle:</b>	15-75°
<b>Max Operating Pressure:</b>	10bar
<b>Max Stagnation Temperature:</b>	453°F (234°C)
<b>Heat Transfer Fluid:</b>	Water/Polypropylene Glycol Mixture



*In order to maintain the highest standards of service and knowledge of the latest solar technologies, Silicon Solar is a proud member of:*

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