

Savo 12 SG collector



The sun rises in the North!



Key features

- Direct flow MPE absorber with optimised heat transfer
- Highly effective, selective PVD MEMO absorber coating applied to the complete absorber (patent pending)
- High transmittance tempered glass
- Etched antireflective treatment of the glass, which does not degrade over time
- Integrated connection hoses, minimising heat losses and shadowing
- Self-supporting frame structure for loads up to 2500 Pa
- PED module A2 certification according to directive 2014/68/EU of the European commission

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Savosolar collector with Direct Flow MPE absorber

The Savo 12 SG collector is characterized by a direct flow aluminium absorber, which is manufactured from MPE profiles. This technology is adopted from the automotive industry, where it has dominated heat exchanger designs the past 30 years, and has now been optimized for solar heating by Savosolar.

The absorber is coated with a highly selective PVD MEMO coating (patent pending) and the use of MPE profiles minimises the average distance between the coated surface and the heat transfer fluid. This leads to a uniform temperature distribution where conductive heat losses are minimised.

Just as modern cars and aircraft are assembled with glue, Savosolar assembles its collectors by gluing the galvanised steel frames, molded corner pieces and anti-reflective solar glass together. In combination with venting elements, this minimises condensation or dust contamination.

The Savo 12 SG collector is tested according to ISO 9806:2013, as well as AS/NZS 2712:2017 and AS/NZS 2535.1:2007 by SPF in Switzerland, and has received the Oceanamark certification by IAPMO R&T Oceana.



