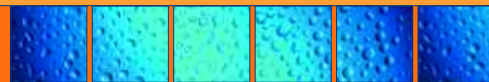


PLANO 26

The high performance flat plate collector



Climate pioneers utilise the heat from the sun.



Harvest the sun's rays with the Consolar trough collector

The PLANO 26 is a high quality flat plate collector with a deep-drawn trough as casing. The sunlight hitting the absorber is transformed into heat and transported to the thermal store through copper tubes and solar fluid. Light-transmissive solar glass permanently ensures a high degree of sunlight admittance into the collector.

Usage

- Usable as solar installation for hot water generation and heating support.
- For new or renovated houses as on-roof, flat-roof and in many cases even as in-roof installation.
- Compatible with heat storage tanks from the Solus II product range - Conus 502, COAX 200 or COAX 390.

Advantages

- Extraordinary longevity and constant performance data
- Economic: permanently high solar yields with a good value-for-money ratio
- Good shutdown characteristics as the collector tubing is in accordance with the latest technology
- Attractive and pleasing design
- Quick and easy installation



PLANO 26 has been awarded the 'blue angel' for ecological products, number RAL-UZ 73.

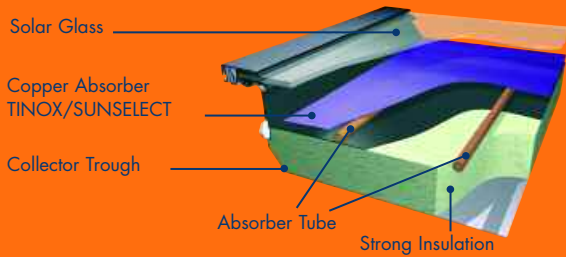


PLANO 26 is certified according to Keymark (Reg. No. 011-7S033 F)



Tests by the Austrian Test-institute AEE-Intec on the new kind of tubing of PLANO 26 has proven its excellent shutdown characteristics.





High energy savings and stable performance data

- Collectors are usually exposed to extreme weather conditions and temperature changes. The aluminium collector trough of PLANO 26 guarantees stable performance in comparison with riveted or glued frame collectors even after many years of use. Consequently high annual energy savings are guaranteed in the long term.
- The extraordinarily high thermal insulation of 60 mm reduces heat loss at the back of the collector. Because of this PLANO 26 performs well particularly on overcast spring, autumn and winter days.

Special collector tubing for a long lifespan

- The interior tubing of PLANO 26 corresponds to the latest findings of collector research. The solar fluid is pushed quickly and completely out of the collector through the special harp tubing should the collector become very hot in summer. Therefore the need to check the anti-freeze agent and, if necessary, exchange it arises much less frequently than with the standard tubing of other collectors. Consequently the solar installation has a longer lifespan.

Attractive and pleasing design

- The collector pan not only makes for an attractive design, it also protects against extreme weather conditions. Because of its slimline edges, the collector looks elegant on the roof and can be tastefully integrated into different types of houses.

Easy installation and flexibility

- Large collector fields can be assembled with PLANO 26. There are also different models for both the standing and the lying installation, PLANO 26 and PLANO 26 SP respectively.
- The installation of the collectors allows for flexible choice: they can be fitted as an on-roof (parallel to the roof/20°/45°), flat roof or even as an in-roof installation.

Excellent quality and selected materials

- The high-grade materials are chosen according to proven reliability and are manufactured in a constant series quality.
- Because of its often reduced endurance an anti-reflective coating has been intentionally omitted.
- The quality coating TINOX/SUNSELECT used in PLANO 26 is applied in an environmentally-friendly process. Because of its good efficiency it leads to especially high heat gains.

Technical data	PLANO 26 / PLANO 26 SP
	Standing / Lying
Collector:	<ul style="list-style-type: none"> Dimensions: (L x B x T) in mm 2179 x 1169 x 107 Weight: 42 kg Gross Area: 2.55 m² Aperture Area: 2.33 m² Absorber Area: 2.26 m²
Yield:	<ul style="list-style-type: none"> Referred to aperture surface: ETA 0:78.3% / 77.9% α1: 3,018 W/(m²K) / 3,383 W/(m²K) α2: 0,013 W/(m²K²) / 0,011 W/(m²K²) radiation angle correction factor K (50°): 0.95 / 0.89 Shutdown temperature: ca. 217°C / 180°C
Measured according to EN 12975-2 by ITW Stuttgart, test report No. 03COL335	
Absorber:	<ul style="list-style-type: none"> Tinox/Sunselect full-surface copper absorber
Glazing:	<ul style="list-style-type: none"> 3.2 mm Solar safety glass AFT Solatex structured
Hydraulic system:	<ul style="list-style-type: none"> Harp arrangement / Serpentine tubing
Casing:	<ul style="list-style-type: none"> Closed aluminium trough Seal: circumferential EPDM seal Frame: aluminium
Insulation:	<ul style="list-style-type: none"> Emission-free rockwool: 60 mm
Type of mounting:	<ul style="list-style-type: none"> PLANO 26: Standing PLANO 26 SP: Lying
Quality testing (PLANO 26)	<ul style="list-style-type: none"> tested according to EN 12975-2 by ITW Stuttgart, test report no. 03COL335 Blue Angel eco-friendly award: RAL-UZ-73 Keymark certified. Reg. no. 011-7S033 F
Consolar-warranty:	<ul style="list-style-type: none"> 10 Years

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