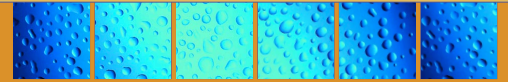


PLANO 26

The high performance flat plate collector



Climate pioneers use the heat from the sun.



Harvest the sun's rays with the Consolar flat plate collector

The PLANO 26 is a high quality flat plate collector with a deep-drawn trough casing. The sunlight hitting the absorber is transformed into heat and transported by the solar fluid to the thermal store, through copper tubes. 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 space heating support
- For new or renovated houses as on-roof, flat-roof and in many cases even as in-roof installation
- Compatible with thermal storage tanks from the Solus II product range - Conus 502 and most solar hot water cylinders
- Available in portrait and landscape formats

Advantages

- Extraordinary longevity, this collector will maintain constant performance data
- Economic: permanently high solar yields returning good value-for-money
- Good shutdown/stagnation characteristics because the collector tubing design uses 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.

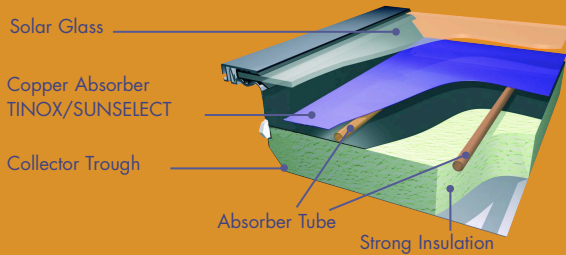


PLANO 26 is certified according to Keymark (Reg. No. 011-7S033 F)



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 wide 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 (60 mm) reduces heat loss at the back of the collector. Because of this the 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 in the event of the collector becoming very hot in summer. Therefore there is less need to check the antifreeze agent and much less need to change it than with the standard tubing of other collectors. Consequently the solar installation has a longer lifespan.

Attractive and pleasing design

- The collector slimline tub not only makes for an attractive design, it also protects against extreme weather conditions. Its slimline edges make the collector look 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 collectors. There are also different models for both the portrait and the landscape 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 or at 20° or 45° to the roof), flat roof (with a mounting kit) or even as an in-roof installation (with the special flashing).

Excellent quality and selected materials

- The high-grade materials are chosen for their proven reliability and the collectors are manufactured to a very high quality.
- Due to its often reduced endurance an anti-reflective coating has been intentionally omitted.
- Quality coating TINOX/SUNSELECT is used in the PLANO 26. This is applied in an environmentally friendly process and because of its excellent efficiency it leads to especially high heat gains.

Technical data	PLANO 26 / PLANO 26 SP
	Portrait / Landscape
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:
Measured according to EN 12975-2 by ITW Stuttgart, test report No. 03COL335	<ul style="list-style-type: none"> ETA_0:78,3% / 77,9% a1: 3,018 W/(m²K) / 3,383 W/(m²K) a2: 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
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: Portrait PLANO 26 SP: Landscape
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

Installer address:

UK

Consolar UK, Greenshop Solar, Bisley, Stroud, Gloucestershire. GL6 7BX
www.consolar.co.uk info@consolar.co.uk
Consolar UK: 01452 772030

Consolar GmbH
 Vertriebszentrale
 Strubbergstraße 70
 60489 Frankfurt/Main
 Fax 069/740 93 28-50

Consolar GmbH
 Regio-Vertrieb
 Gewerbestraße 7
 79539 Lörrach
 Fax 07621/422 28-31

