



Solar

WIKORA

SolarSpeicherSysteme

WIKOSUN 2020-Mi flat plate collector

WIKOSUN 2020-Mi flat plate collector with Mirotherm flat plate laser welded absorber sets new standards. The selective surface ensures that almost all available solar exposure is converted into hot water.

This results in achieving a very high efficiency and gain of solar power appropriate for our latitudes.

Its components are specifically chosen because of their favourable high performance, durability and not least environmentally friendly nature.

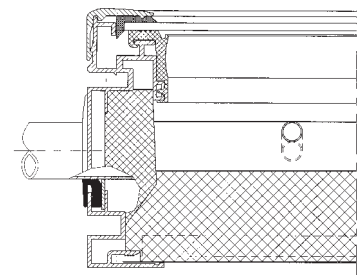
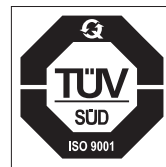
Installation is made easy by an innovative mounting system design reducing installation time and therefore reducing system cost.

Certified to **EN 12975- 2** and awarded **Solar Keymark**

Registered by government agencies for grant

Ireland: **The Greener homes scheme Ireland (SEI-ST-174)**

Spain: **Secretaria General de Energia NPS - 4806 (CENER no. 30.0036.0-2)**



| Type | WIKOSUN 2020-Mi |
|-------------------------|--|
| Item number | 01 1040 0 0101 |
| Design | flat plate collector |
| Collector gross surface | 2,02 m ² |
| Absorber surface | 1,81 m ² |
| Aperture surface | 1,86 m ² |
| Frame | Aluminium extruded section powder coated |

| Specification | |
|-------------------------|--|
| Length x width x height | 2018 x 1000 x 100 mm |
| Weight | 42,5 kg |
| Cover | 3,2 mm safety glass, Super transparent, hailstone safe |
| Connections | Cu-tube Dia 22 mm |

| Thermal insulation | |
|--------------------|---|
| Rear wall | 50 mm of mineral wool 70 kg/m ³ with glass fibre |
| Side wall | 25 mm of mineral wool |

| Absorber | |
|------------------------|--------------------------------|
| Material | Aluminium plate on copper tube |
| Absorber coating | Mirotherm |
| Efficiency | $\eta_0 = 79,1 \%$ |
| Peak power | 1471 Watts per collector |
| Capacity antifreeze | 1,26 litre |
| Max working pressure | 10 bar |
| Stagnation temperature | 192 °C |
| DIN 4753-3 | |

| Installation | |
|--------------|--|
| | on roof, free standing, roof angle from 20 – 45° |