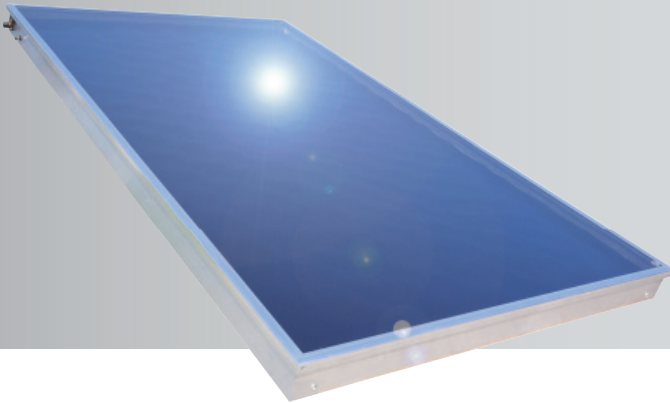


Reliable like the Sun

## FK 6000 Series Frame Collectors



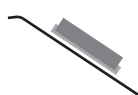
GREENoneTEC FK 6000 series frame collectors feature solar glass covered with a sealed silicone-free EPDM rubber. The full-surface absorbers are insulated at the rear by a 50 mm thick mineral wool plate. The collectors are equipped to customer specification with a profiled copper or aluminium absorber. A modular mounting system, makes them ideal for both flat-roof and on-roof installation.

### Collector installation options

Flat roof, 45°

On-roof, 20°

On-roof, parallel



| Technical data                  | FK 6300   |
|---------------------------------|---|
| Collector type                  | Roof-mounted collector                                  |
| Overall area [m <sup>2</sup> ]  | 2,52  |
| Absorber area [m <sup>2</sup> ] | 2,32  |
| Aperture area [m <sup>2</sup> ] | 2,36  |
| L x W x H [mm]                  | 2065 x 1225 x 103                                       |
| Weight [kg]                     | 42  |
| Absorber capacity [l]           | 1,7   |
| Housing                         | Al-frame  |
| Surface                         | Al, natural or anodised (improved corrosion resistance) |
| Rear panel                      | Al-sheet  |
| Absorber sheet                  | Cu or Al, highly selective vacuum coating               |
| Absorption* [%]                 | 95  |
| Emission* [%]                   | 5   |
| Ø manifold [mm]                 | 22 (1")   |
| Ø risers [mm]                   | 8   |
| Connections                     | blank (compression joint), coupling nut with flat seal  |
| Glass                           | 3,2 mm tempered solar safety glass                      |
| Transmittance of glass [%]      | 90,2  |
| Insulation                      | 50 mm mineral wool plate                                |
| Max. stagnation temperature     | 234 °C under test conditions                            |
| Max. operating pressure         | 10 bar  |
| Heat transfer medium            | Polypropylene glycol / water mixture                    |
| Approved installation angle     | min. 15°, max. 75°                                      |
| Standard packaging              | 10 collectors, horizontal                               |

\* Reference collector with Cu/Cu absorber, highly selective coating, two connections

### FK 6300 product benefits

- Established silicone-free sealed of the solar glass with circumferential EPDM rubber
- Trendy design and larger effective surface with profiled ultrasonically welded copper absorbers and/or laser-welded aluminium absorbers
- The use of quality, recyclable materials ensures a long service life and high environmental compatibility
- Tempered, low iron solar safety glass
- Maximum heat transfer between the absorber sheet and the copper grid thanks to optimised ultrasonic and laser welding technology
- Installation-friendly mounting system with bench screws and roof brackets for all standard roof types
- Customised design in exclusive OEM versions

Reliable like the Sun

Aesthetic Design //  
Quality // The Latest Technology //  
for our Customers

## State of the art Collectors

Aesthetic design and numerous environmental and innovation awards distinguish our range of collectors. Each individual series of collectors is a customised OEM version, and more than one hundred different collector variants and installation solutions are possible. All in all: state of the art tested quality for our customers.

