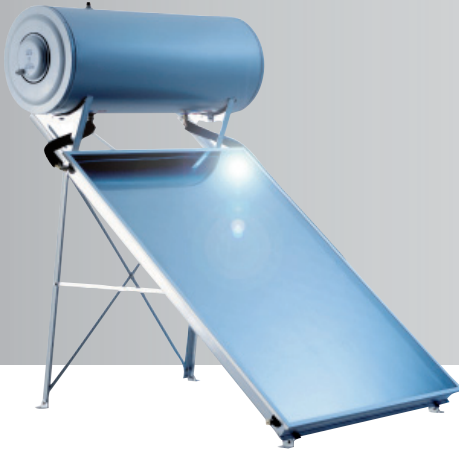


Reliable like the Sun

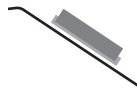
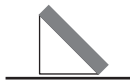
Thermosifon system



System installation options

Freestanding installation 45°

On-roof, parallel



2-circuit systems, GREENoneTEC thermosifons come with either a 140 or a 280 litre boiler and an optimally matched collector variant. The boiler can also be fitted with an optional heating rod for fast hot water production.

Thermosifon system product benefits

- Modular system setup for easy transport and installation
- Enamelled double-walled boiler in 140 and 280 litre version with optimised heat insulation
- Tempered, low iron solar safety glass
- The use of quality, recyclable materials ensures a long service life and high environmental compatibility
- Maximum heat transfer between the absorber sheet and the header tubes thanks to optimised ultrasonic and laser welding technology
- Statically tested mounting system for installation on flat and parallel roofs

Technical data	System types	
	TS 140	TS 280
Overall area [m ²]	2,02	
Absorber area [m ²]	1,84	
Aperture area [m ²]	1,91	
L x W x H [mm]	1730 x 1170 x 83	
Weight [kg]	35	
Absorber capacity [l]	1,4	
Number of collectors	1	2
Weight of overall system (empty) [kg]	123	206
Weight of overall system (filled) [kg]	273	486
Housing	Al-frame	
Surface	Al, natural or anodised (improved corrosion resistance)	
Absorber sheet	Cu or Al, highly selective vacuum coating	
Absorption [%]	95	
Emission [%]	5	
Ø manifold [mm]	18 (¾")	
Ø risers [mm]	8	
Connections	Bare (compression joint)	
Glass	3,2 mm tempered solar safety glass	
Transmittance of glass [%]	90,2	
Insulation	40 mm mineral wool plate	
Max. stagnation temperature	234 °C under test conditions	
Max. operating pressure	10 bar	
Heat transfer medium	Polypropylene glycol / water mixture	
Boiler	Stainless steel	
Boiler capacity [l]	140	280
Heating rod (optional)	1.5 kW / 220 V	
Approved installation angle	min. 15°, max. 75°	



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.

