



SOLAR COLLECTORS

Practical Solar Solutions

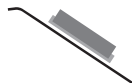
MEI- SWH TS THERMOSIFON SYSTEM

2-circuit systems, **MEI-SWH TS** thermosifons come with either a 150 or a 300 litre boiler and an optimally matched collector variant. The boiler can also be fitted with an optional heating rod for fast hot water production.

System installation options

Freestanding installation 45°

On-roof, parallel



Technical data	MEI- SWH	
	TS 150	TS 300
Overall area [m ²]	2,02	
Absorber area [m ²]	1,85	
Aperture area [m ²]	1,91	
L x W x H [mm]	1730 x 1170 x 83	
Weight [kg]	29	
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	Al, black paint	
Absorption [%]	95	
Emission [%]	91	
Ø manifold [mm]	22	
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	Enameled Steel	
Boiler capacity [l]	145	285
Heating rod (optional)	1,00 – 1,50 – 2,50 – 3,50 kW / 220 V	
Approved installation angle	min. 15°, max. 75°	

Thermosifon system product benefits

- Modular system setup for easy transport and installation
- Enamelled double-walled boiler in 150 and 300 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

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