



THERMOSIPHON CLASSIC

160
200
300

PRODUCT BENEFITS

- High efficient TS system with natural circulation (no electricity required)
- One collector for all system sizes
- High efficient heat transfer at the absorber using state of the art laser welding technology
- Tempered solar safety glass
- Enameled double jacket tank with 50mm thick insulation
- Modular system for easy transport and installation
- Mounting sets available flat roof installation (30° and 45°) as well as for parallel installations on pitched roofs



Thermosiphon CLASSIC

160 | 200 | 300

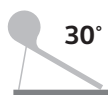
GREENoneTEC



SOLAR COLLECTORS

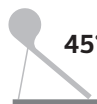
INSTALLATION OPTIONS

freestanding installation



30°

freestanding installation



45°

pitched roof



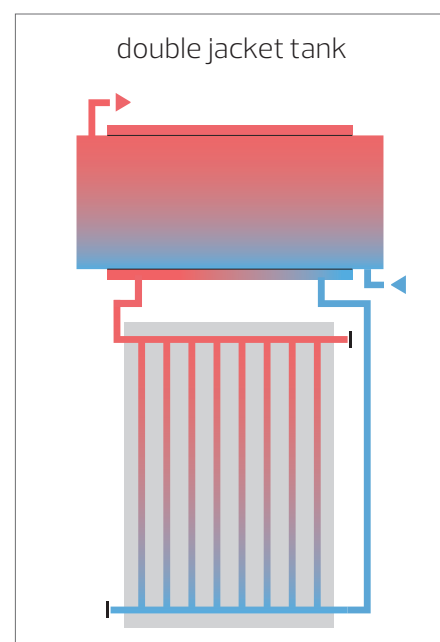
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TECHNICAL DATA

Collector	160	200	300
Overall area [m ²]	2.03		
L x W x H [mm]	1.733 x 1.173 x 73		
Weight collector empty [kg]	28		
Number of collectors	1	1	2
Housing	Al-frame		
Absorber sheet	Al, high selective vacuum coating		
Absorption / Emission [%]	95 / 5		
Connections	blank Ø18 mm		
Glass	3.2 mm tempered solar safety glass		
Transmittance of glass [%]	89		
Insulation	30 mm mineral wool plate		
Tank	160	200	300
Weight tank [kg]	60	80	100
Capacity tank [l]	145	177	266
Insulation tank	PU foam 50 mm		
compressive strength - primary	max. 3 bar		
compressive strength - secondary	max. 10 bar		
Connections tank	½" female thread - primary circuit		
Heat transfer medium	Polypropylene glycol / water mixture		
Material tank	steel, powder-coated		
Anticorrosive coating	magnesium anode		
System	160	200	300
Weight of overall system (empty) [kg]	100	120	173
Weight of overall system (filled) [kg]	253	308	455
Capacity solar circuit [l]	8.2	10.9	16.2
Heating rod (optional)	1.5 kW/220 V & 3.5 kW/220 V		
Mounting material	aluminium / steel galvanized		

DOUBLE JACKET TANK

Engineered as a 2 circuit system, the GREENoneTEC thermosiphon system offers a high quality enameled double jacket tank and is available in sizes 160/200/300. The optimised thermosiphon collector has been optically integrated into the overall system and convinces with its quick installation options. The tank can also be fitted with an optional electric heat rod which ensures that hot water is available when needed.



GREENoneTEC

SOLAR COLLECTORS



- The world's leading solar collector manufacturer
- 28.000 m² production facilities in Austria
- Over 250 mostly patented R&D projects
- 150.000 m² storage facilities
- Extensive product warranties
- Solar entrepreneur with 25 years experience in production
- Annual production capacity of 1,6 mio. m²