



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

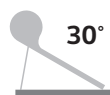
160 | 200 | 300

GREENoneTEC **1**

SOLAR COLLECTORS

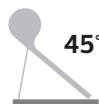
INSTALLATION OPTIONS

freestanding installation



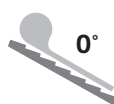
30°

freestanding installation



45°

pitched roof



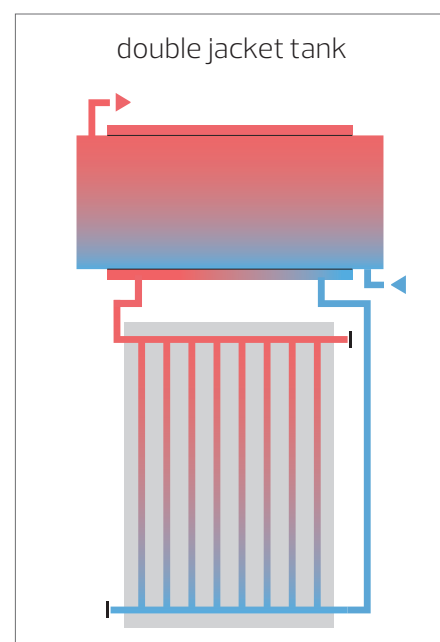
0°

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 **1**

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