Specifications

TSS4				
System size		**TS150**	**TS200**	**TS200**
Number of collectors		1	1	2
Domestic hot water max. pressure	bar	8	8	8
Solar circuit max. pressure	bar	2.5	2.5	2.5
DHW max. temperature	°C	95	95	95
Solar circuit max. Temperature	°C	110	110	110
Solar fluid capacity	l	4	5.2	7.5
Tank DHW capacity	l	145	195	280
Tank diameter Ø	mm	580	580	580
Tank length	mm	1120	1320	1850
Tank weight	kg	61	75	96
Tank cover		Galvanized steel + power coated		
Tank colour		RAL 7035	RAL 7035	RAL 7035
Tank Insulation		50 mm polyurethane insulation (CFC free)		
Tank heat losses	W/K	1.44	1.61	2.57
Tank service opening Ø	mm	95	95	95
Tank electric backup connection		1 1/4"	1 1/4"	1 1/4"
Tank corrosion protection		Enameling and magnesium anode		
Hydraulic connections solar		Rubber hose or metalic (CTE)		
Mounting structure material (Essence / Premium Al)		Zinc coating + powder coating protection | Aluminium		
Mounting structure max. wind loads		Essence 0.8 kN/m² (~129 km/h) | Premium Al 1.1 kN/m²		
Mounting structure max. snow loads		Premium Al 1 kN/m²		
Mounting inclination angle		Flat roof fixed 35° | On roof from 15° to 45°		
System dimensions (flat roof Essence)	mm	1345 x 2445 x 1690	1345 x 2445 x 1690	2140 x 2445 x 1690
System dimensions (flat roof Premium Al)	mm	1345 x 2365 x 1675	1345 x 2365 x 1675	2140 x 2365 x 1675
System dimensions (on roof Premium Al)	mm	1345 x 2770	1345 x 2770	2120 x 2770
System weight (filled)	kg	~290	~340	~510
Collector information (1 col.)				
Collector dimensions	mm	1032 x 2026 x 67	1032 x 2026 x 67	1032 x 2026 x 67
Collector gross area (A_G)	m²	2.09	2.09	2.09
Collector aperture area	m²	1.994	1.994	1.994
Collector absorber area	m²	1.921	1.921	1.921
Collector max. operating pressure	bar	6	6	6
Collector weight	kg	30	30	30
Collector stagnation temperature	°C	194	194	194
Collector glass		Solar safety glass 3.2 mm		
Collector efficiency η_0 (A_G)	%	70.5	70.5	70.5
Collector heat loss coefficient a_1 (A_G)	W/m²K	3.78	3.78	3.78
Collector heat loss coefficient a_2 (A_G)	W/m²K	0.011	0.011	0.011

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BOSCH
Invented for life

Customer information

Simply produce hot water with solar energy

Thermosiphon solar thermal system

TSS4

Simply enjoy sunny prospects

Simple installation
The thermosiphon solar thermal system is easy to install on your roof. Whether you have a flat or pitched roof, three different installation options are available to ensure that the thermosiphon solar thermal system can be installed in your home securely to resist any weather conditions.

Simply efficient
The new thermosiphon solar thermal system enables you to produce hot water free of charge using solar energy. The design has been optimised over the previous model and is now even more efficient. Saving energy has never been so easy!

A solution for every household.

	45 °C	
	110 - 170 l/d	TSS 150 l
	140 - 200 l/d	TSS 200 l
	200 - 350 l/d	TSS 300 l

Highlights
- High efficiency – the purchase pays for itself after a short time thanks to energy savings
- Available in three different tank sizes to meet your individual hot water consumption requirements (150 l, 200 l and 300 l)
- Efficient use of solar energy, free of charge

Simply high quality from Bosch
The thermosiphon solar thermal system effortlessly handles wind and bad weather for many years. High-grade materials and exemplary workmanship make this possible. For example, the tank has particularly effective corrosion protection. As you see, you can truly rely on high quality from Bosch.