

# SOL 27 premium W

SOLAR COLLECTORS

PRODUCT-NO.: 230017

The new SOL 27 premium flat-plate collectors excel through their first rate energy yield: More than 95% of solar radiation is converted into usable energy, thereby increasing the efficiency of the heating and DHW system. The precise combination of innovative materials and proven technology creates an excellent efficiency level. For example, the highly selective Micro-Therm vacuum coating and anti-reflection glazing ensure excellent absorption capability.



## The main features

Efficiency > 82%

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High output for reduced payback time

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Horizontal installation

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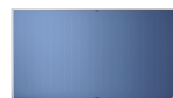
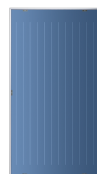
Flexible installation options

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Anti-reflection glazing

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Up to five collectors can be hydraulically connected in series



Type	SOL 27 premium S	SOL 27 premium W
Part no.	230016	230017

**Technical data**

Version	Rooftop	Rooftop
Type	Vertical	Horizontal
Angle of inclination	20°...85°	20°...85°
Collector connection	22 mm plug-in connection	22 mm plug-in connection
Total area	2,54 m <sup>2</sup>	2,54 m <sup>2</sup>
Aperture area	2,39 m <sup>2</sup>	2,39 m <sup>2</sup>
Absorber area	2,38 m <sup>2</sup>	2,38 m <sup>2</sup>
Max. idle temperature	>210 °C	>210 °C
Liquid content	1,5 l	1,83 l
Max. operating pressure	0,6 MPa	0,6 MPa
Nominal volume flow	50...300 l/h	50...300 l/h
Pressure drop at 300 l/h	0,0037 MPa	0,0028 MPa
Height	2171 mm	1171 mm
Width	1171 mm	2171 mm
Depth	96 mm	96 mm
Weight	40 kg	40,5 kg
Efficiency	82,3 %	82,5 %

**Contact information**

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **[info@stiebel-eltron.com](mailto:info@stiebel-eltron.com)**

**Installation information**

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.