

SOL 27 basic

SOLAR COLLECTORS

PRODUCT-NO.: 228927

The flat-plate collectors reliably collect the incoming solar energy and convert it into usable heat. Particularly when using several collectors in an array, the cohesive overall image on the roof can become a design feature. Advanced absorber technology captures 95% of the available solar rays. The standard model SOL 27 basic has an impressive price/performance ratio. Weighing only 38.5 kg, the SOL 27 basic is as easy to install on pantiled, plain tiled, slate or shingle roofs as on flat roofs or a wall. Available in vertical and horizontal versions for optimum utilisation of the available roof area.



The main features

Efficiency 79 %

Up to five collectors can be hydraulically connected in series

Vertical installation

Slim frame construction



Type	SOL 27 basic W	SOL 27 basic
Part no.	230912	228927

Technical data

Version	Rooftop	Rooftop
Type	Horizontal	Vertical
Angle of inclination	20°...85°	20°...85°
Collector connection	G 3/4	G 3/4
Total area	2,53 m ²	2,53 m ²
Aperture area	2,39 m ²	2,39 m ²
Absorber area	2,38 m ²	2,38 m ²
Max. idle temperature	213 °C	213 °C
Max. operating pressure	0,6 MPa	0,6 MPa
Liquid content	1,7 l	1,3 l
Nominal volume flow	50...300 l/h	50...300 l/h
Pressure drop at 300 l/h	0,0020 MPa	0,0035 MPa
Height	1168 mm	2168 mm
Width	2168 mm	1168 mm
Depth	93 mm	93 mm
Weight	39,2 kg	38,5 kg
Efficiency	79 %	79 %

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **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.