

Solar technology
VITOSOL 100-F

VIESSMANN
climate of innovation



Attractively priced collector for standard applications

This efficient flat-plate collector with a highly selectively coated aluminium absorber represents an excellent opportunity to use free energy from the sun for DHW heating at a low investment.

On average, up to 60% of the energy required annually for DHW heating can be saved. With its attractive aluminium frame this collector is best suited for standard applications on family homes.

Weather resistant and well insulated

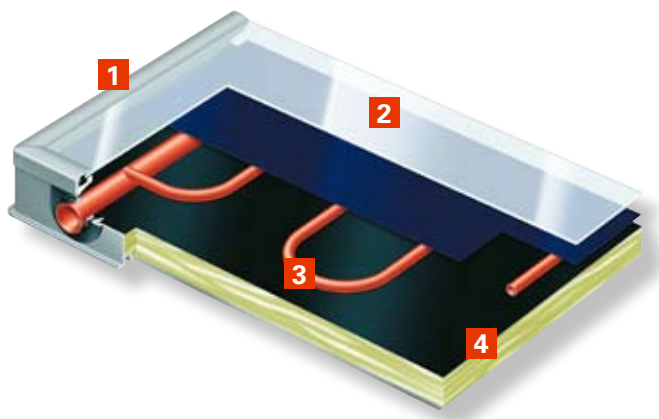
The high quality weather resistant aluminium frame and seamless pane seal guarantee permanent tightness and a highly stable collector. This reliably prevents the frame freezing-up through standing water in the transitions between frame and glass. The back panel is puncture-proof and corrosion-resistant. Highly effective thermal insulation reduces heat losses particularly in spring, autumn and winter.

Easy to handle

It couldn't be easier to install Vitosol flat-plate collectors. Up to ten collectors can be reliably connected in parallel via flexible corrugated stainless steel plug-in connectors. The easy-to-assemble Viessmann fixing system with load-tested and corrosion-resistant components made from stainless steel and aluminium is standard for all Viessmann collectors.

Various installation options

The flat-plate collectors can be used universally for rooftop installation and freestanding installation, e.g. on flat roofs. For vertical or horizontal installation, such as on walls, we recommend a 20% larger collector area compared to standard roof installation, to ensure optimum energy utilisation.



Vitosol 100-F

- 1 High quality aluminium frame
- 2 Stable, high quality transparent cover made from special glass
- 3 Copper meander
- 4 Highly effective thermal insulation



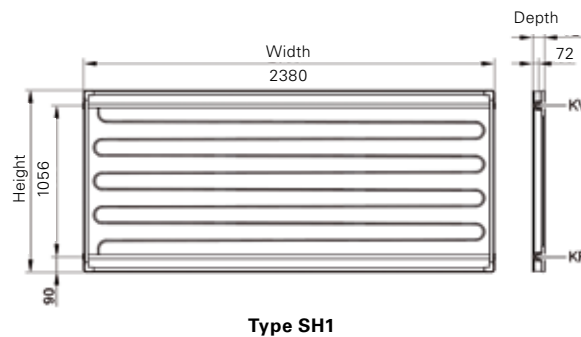
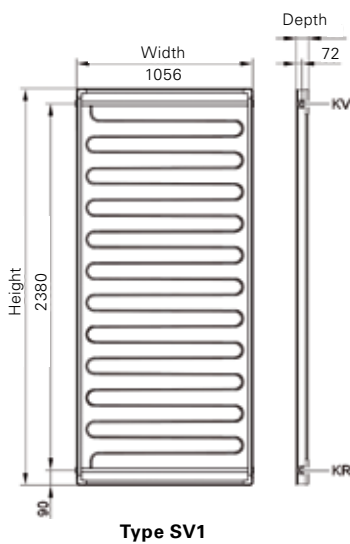
Take advantage of these benefits

- Powerful, attractively priced flat-plate collector
- Vertical and horizontal roof top and free standing installation options, either on end or across
- High efficiency through selectively coated absorber and cover made from hail resistant solar glass
- High stability through high quality weather resistant aluminium frame
- Puncture-proof and corrosion-resistant back panel made from aluminium-zinc coated sheet steel
- Easy to assemble Viessmann fixing system with load tested and corrosion-resistant components made from stainless steel and aluminium - standard for all Viessmann collectors
- Quick and reliable collector connection through a flexible corrugated stainless steel pipe plug-in connector

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Technical Data Vitosol 100-F

Type		SV1	SH1
Gross area	m ²	2.51	2.51
Absorber area	m ²	2.32	2.32
Aperture area	m ²	2.33	2.33
Dimensions			
	Width mm	1056	2380
	Height mm	2380	1056
	Depth mm	72	72
Weight	kg	43	43



KR collector return (inlet)
 KV Collector flow (outlet)

Your trade partner: