

# VarioSol E

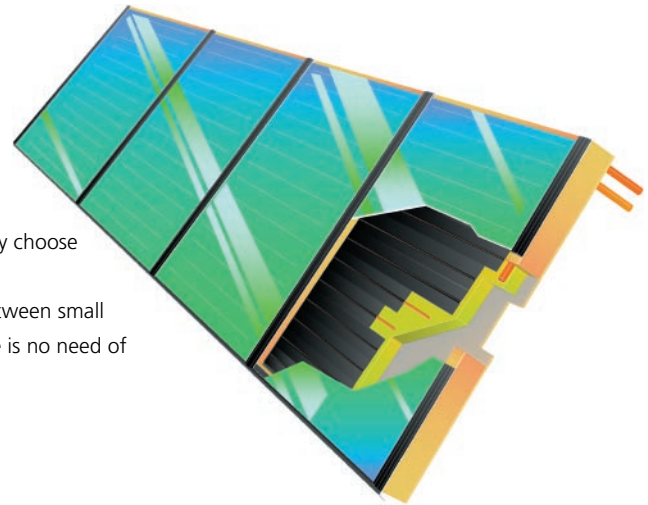
## The versatile wide-area collector for integrated mounting

The wide-area collector **Winkler VarioSol E** is the perfect solution for integrated mounting.

It is manufactured in units up to 24 m<sup>2</sup> in a single piece, which makes mounting and connection quick and easy.. Choose one of 38 standard formats or order a customized size of the **VarioSol E**, individually made for your unique needs.

For any collector, also standard sizes, are produced right when ordered, you can freely choose individual details such as the position of the connection tubes.

With our wide-area technique installation is easier and safer. No connection parts between small collector elements are needed. Hydraulic connection is also less complicated, as there is no need of external collection tubes as with many small collectors.



**Winkler VarioSol E** interation collectors set highest levels in efficiency.

One important reason is our unique SKYTECH absorber, on which tube and absorber sheet are connected over the complete circumference of the tube (360°-contact).

To prove highest quality, **VarioSol E** collectors are tested by the SPF Rapperswil and wear the internationally recognized SWISS QUALITY LABEL.

Accessories:

Perfect integration is only possible, if surrounding metal frames are also perfect. For this reason, we at Winkler manufacture fitting metal frames for the **VarioSol E** in our own company, in various materials, surfaces and designs.

*The data at a glance:*

<i>Sizes:</i>	<i>3,75 to 24 m<sup>2</sup> in a single piece (heights up to 3 m, lengths up to 8 m)</i>
<i>Weight:</i>	<i>approx. 30 kg/m<sup>2</sup></i>
<i>Frame:</i>	<i>wood, with OSB-backside</i>
<i>Covering :</i>	<i>Solar glass 4 mm, tempered, structured, optional anti-refelctiv surface</i>
<i>Absorber:</i>	<i>SKYTECH SC, selective surface, copper</i>
<i>Insulation:</i>	<i>rock wool 55 mm, additional insulation of the frame</i>
<i>Tube connections:</i>	<i>copper ø22 mm</i>
<i>Pressure:</i>	<i>approx. 3,5 bar (recommended)</i>
<i>Efficiency:</i>	<i>Report-No. C398 (SPF Rapperswil), <math>\eta_0=0,79</math>, <math>a_1=3,15</math> W/m<sup>2</sup>K, <math>a_2=0,0159</math> W/m<sup>2</sup>K<sup>2</sup></i>

### VarioSol E made for:

- roof integration
- facade integration
- balcony mounting (integrated)