

**NEW!**



# OmniSol E

## The modular in-roof collector by Winkler

The new modular in-roof collector **Winkler OmniSol E** is your flexible solution for roof integration. Realize a harmonic in-roof mounting by our system of just one collector type and a fitting metal frame for any kind of roof. Even multiple rows of collectors can simply be combined without a distance between the rows. Just clip in a connecting aluminum profile onto the second or third collector row.

The new laser welded full plate absorber provides perfect optics and maximum performance. Screwless covering profiles and well designed connection details guarantee a long lifetime and an easy mounting.

The front cover is made from a highly transparent, tempered solar glass, which is even improved by an anti reflective coating and thus providing highest efficiency (OmniSol E-antireflex).

The sealing is done by a system of weather proof EPDM profiles, that makes it possible to maintain the collector easily.

The frame consisting of diffusion-open wood minimizes steam-covered glass by optimizing the micro-climate inside.



**Winkler OmniSol E** in-roof collectors set standards concerning efficiency. Several details like the new laser welded absorber with connected header tubes make it possible.

**Winkler OmniSol E** quality can convince by test reports of the SPF Rapperswil and solar keymark \*).

\*) performance and quality tests still in progress

The accessory:

A perfect in-roof mounting needs perfect metal frames. Therefore Winkler provide fitting frames and metal surroundings from their own production.

The data at a glance:

Sizes:	2,74 m <sup>2</sup> (overall), aperture area 2,52 m <sup>2</sup>
Dimensions:	2191 x 1251 x 116 mm
Weight:	approx. 60 kg
Frame:	Wood with OSB pack panel
Front cover:	Solar glass 4 mm, fully tempered, structured, anti-reflex coated (OmniSol E-antireflex)
Absorber:	Full plate absorber, laser welded with welded header tubes
Insulation:	Mineral wool, 55 mm
Tube connections:	Copper ø18 mm
Working pressure:	approx. 3,5 bar (recommended)
Performance:	Performance tests according to EN 12975 and solar-keymark certification are still in progress

### OmniSol E for:

- in-roof mounting on various roof types