ROOF SLIDING WINDOWS, SLIDING ROOFS AND GASTRONOMY
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Dear clients,

This catalogue provides information on the technical condition and the diverse possibilities, whether you are enjoying a view of the sky through the roof or the open terrace protected from the weather.

Our architects, engineers and civil engineers, with decades of experience, will be at your disposal.

Sincerely yours, Klaus Rengier
Panorama – roof sliding windows

Type overview

Roof sliding windows optional equipment:
- triple-glazing, anti-sun glazing, self-cleaning glazing
- awnings
- roller blinds
- interior roll blinds
- blackout blinds
- control units
  (temperature, sun, wind, rain, wireless)

Operation Panorama-roof sliding window:
operated manually or mechanically

Dimensions of the Panorama window are determined by the following factors:
- installation pitch (10°-90°)
- snow load
- installation height
- height above sea level

type AH 4-part

width from 3 m up to 12 m

height up to 3.5 m

slide-in pocket prepared for roofing on site

type AH 2-part

width from 1.7 m up to 12 m

height up to 3.5 m

slide-in pocket prepared for roofing on site

type AL 4-part

width from 3 m up to 12 m

height up to 3.5 m

fixed section

type AL 2-part

width from 1.7 m up to 12 m

height up to 3.5 m

fixed section
A bit closer to the sky – "Open-Air feeling" on the attic floor

Panorama is a horizontal roof sliding window system for large openings of up to 12 metres in width and 3.5 metres in height. Panorama technology allows you to slide the glass elements – manually or mechanically – simply to the right or to the left, under the stationary elements or in the roof.
Open your house to new views with a Sunshine roof sliding window

You can contact the specialists from our architectural and engineering departments and they will make a secure implementation of the desired project easier.
In focus: Panorama roof sliding window type AL 4-part in Darmstadt

external views

inside views

awning
Solution for listed historical buildings

Thanks to slimline design and built-in flushed surfaces, these custom-made, grand and spacious roof sliding windows are the right solution for listed historical buildings, without having to give up innovative details and modern architecture.
Wide space feeling – panoramic view and sunshine included

The glass walls vanish and every room is flooded with natural light – with the stylish and functional glass architecture you can experience an “Open-Air Feeling” on the attic floor. You create your own panorama and you can enjoy the open-air feeling and sunshine.
Planning: bmb Architektur + Design, type AL 4-teilig photo 1071
Panorama is a roof sliding window system for large openings of up to 12 metres in width and 3.5 metres in height.

It consists of up to 2 sliding elements which move sideways.
OpenAir – roof sliding window

OpenAir is a roof sliding window system for large openings of up to 4 meters in width and 12 meters in height.

It consists of up to 3 sliding elements, which slide bottom up.

Type OA 4-part
OpenAir – roof sliding windows

Type overview

Roof sliding windows optional equipment:
- triple-glazing, anti-sun glazing, self-cleaning glazing, awnings, roller blinds, interior roll blinds, blackout blinds, control units (temperature, sun, wind, rain, wireless)

Operation OpenAir – roof sliding window: mechanically operated

Type OA 2-part

Dimensions
are determined by the following factors:
- installation pitch (8°–90°)
- snow load
- installation height
- height above sea level

Type OA 3-part

Type OA 4-part

width from 1.5 m up to 4 m

height up to 9 m

height up to 12 m

width from 1.5 m up to 4 m
The OpenAir experience – to be open means to experience more

The OpenAir sliding roof window consists of up to 3 movable sections which are moved vertically underneath a fixed section by an electric motor. The resilient construction makes window areas of up to 4 x 12 metres possible. The OpenAir system offers first-class comfort and excellent climate control for your home. Automatic control closes the sliding roof in case of rain.
From the OpenAir and from the open heart

Is it essential that you have a horizontal sliding surface to find your favourite spot in the sun? No – with OpenAir you can simply slide your glass elements upwards one below the other – this way you do not have to give up your place under the sun.
Completely ready-to-install – installation within hours

Complete prefabrication in our plant and the usage of high-grade and stainless materials enables durable quality and value conservation. Short installation time saves time and money and you gain planning reliability for follow-up works.
Object in focus:
OpenAir roof sliding window in the central area of Vienna, Austria
OpenAir - roof sliding window - for historical buildings

**Significant advantages:**

- greatest possible opening
- aligned built-in surfaces
- increase the value of your property
- modern architecture in accordance with the features of historical buildings
Object in focus:
OpenAir roof sliding window in Chelsea, London
05
Sliding roofs
Wide space feeling – regardless of weather conditions

Our experienced team implemented the idea to open up the conservatory through spacious roof sliding sections. The OpenAir system fulfils high requirements concerning insulation, stability and opening size for living spaces that can be used all-year round.
Experience openness – new definition of the notion “sliding roof”

OpenAir is a fully automatic sliding roof system for large openings of up to 4 metres in width and 12 metres in height. The OpenAir system offers modern design, first-class comfort and excellent climate control for your home. It consists of up to 3 movable sections which are moved vertically underneath a fixed section by an electric motor.

Electrochromic glazing enables the control of transparency and heat transmission for the sliding roof and wall glazing.
Cabrio sliding roofs
A modern glass roof provides free perspective

Cabrio sliding roofs are roof structures which can be moved electrically in the horizontal direction as a whole. Due to efficient heat insulation, it can be used as an alternative to conventional roofs. Almost any roof shape is possible. Particular elegance and rigidity are obtained by our aluminium welding technology.
Veranda – sliding roof

Cost-beneficial alternative for roofing and conservatories. Veranda sliding roof system with its resilient and low-maintenance construction is widely used in the private and commercial sectors.
Sliding roofs for gastronomy establishments
Cabrio sliding roof can be opened in nice weather, when your guests will be attracted to the beauty of fresh air and can enjoy the sun at any time.
Hotel Darstein, Ludwigshafen

This impressive 32 metres long and 9.5 metres wide service area was added to Hotel Darstein using an OpenAir sliding roof system. The highlight is that 70% of its roof area can be opened by the fully automatic sliding roof.
Café Faust, Großenhain

This 14 meters long and 7 meters wide conservatory of Café Faust in Großenhain features roof elements which close automatically in the rain. The modern glass roof provides invigorating daylight even during days with less sunshine, as well as economical heat insulation in cold weather.
Hotel Georgshöhe, Norderney

In the course of extensive renovations at the Strandhotel Georgshöhe on the island of Norderney, a substantial expansion of the service areas was created by building a 14 meters long and 6 meters wide conservatory with our fully automatic OpenAir sliding roof and a spacious glass roofing on the adjacent patio. The guests can be seated outdoors, yet protected from the wind and the weather by our fully automatic OpenAir sliding roof.
Roofing for gastronomy establishments
Gastronomy wellness
Conservatory for gastronomy establishments
Conservatory –
a place to relax any time of the year!
01 Conservatories

02 EcoSun conservatories

03 Roofing