

GEZE Fanlight OL 90 N



Slimline fanlight opener with a wide diversity of variants

This fanlight opener is used inwards for vertically installed rectangular windows with bottom, top, side hung or horizontally pivot hung casements and for top hung windows opening outwards. Special shapes, such as angular, triangular, semi-circular and segmental arch windows made of timber, plastic or light metal are also possible.

The flat scissor design and the rod assembly only require very little space above and at the side of the casement. The appearance of the facade remains unchanged.

The GEZE slimline fanlight openers comply with the high requirements of the RAL quality protection goals and the high RAL quality level.

Product features

- Large opening width of 170 mm
- Easy installation: scissors and rods can be installed from the front
- Secure casement locking due to locking integrated in scissors
- Convenient window cleaning from inside and outside due to easy scissor disengagement
- OL 90 N top hung windows opening outwards: with burglary resistant locking (SKG-certified)
- OL 90 N for special shapes: Different solutions for special shapes can be achieved with the help of a variety of accessories

Required accessories (system components)

- Scissors
- Rod and cover
- Leaf bracket
- Operating element

GEZE Fanlight OL 95



Slimline fanlight opener – discrete in post/rail structures

The OL 95 fanlight opener is used for vertically installed rectangular windows opening inwards with bottom, top, side hung and horizontally pivot hung casements made of timber, plastic or metal. The low installation height enables an unobtrusive and almost invisible installation into post/rail structures possible. The flat scissor design and the rod assembly only require very little space above and at the side of the casement. The appearance of the facade remains unchanged.

GEZE has RAL certifications for all slimline fanlight openers.

Product features

- Improved airing and ventilation due to an opening width of 220 mm
- Unobtrusive installation into post/rail structures due to low installation height
- Secure casement locking due to locking integrated in scissors
- Convenient window cleaning from inside and outside due to easy scissor disengagement

Required accessories (system components)

- Scissors
- Rod and cover
- Leaf bracket
- Operating element

GEZE Fanlight Opener OL 320



Overlying flat fanlight opener for vertically installed rectangular windows with opening widths of 320 mm

This fanlight opener is fitted to vertically installed, inwardly opening rectangular windows with pivoting, folding, swivelling and tilting casements from wood, plastic or light metal. The flat design of the scissors and rod assembly require very little space above and at the side of the casement. The appearance of the façade remains unchanged.

The OL 320 is suitable for heavy weight casements of up to 250 kg and is the first choice for heavy windows and glazing.

Product features

- Large opening width: Approx. 320 mm (on request approx. 220 mm)
- For heavy casement weights of up to 250 kg
- With a safety button. It shows whether the casement is correctly hung in place
- With locking integrated into the scissors
- Problem-free installation even with deep lintels because the scissors and rod can be installed from the front
- Only one hinge bracket for all overlap heights and materials
- Easy contact pressure setting, thus automatic equalisation of contact pressure variations
- Tolerance of robust rod clamp connections
- Each clamp connection with 2 screws = double security
- Minimal space requirements above and at the side of the casement

GEZE Fanlight Opener Casement Bracket



Casement bracket variants for OL 90 N/OL 95

The casement brackets connect the scissor with the windows. They are offered in different designs.

- GEZE OL 90 N/OL 95 **standard** casement bracket
- GEZE OL 90 N/OL 95 **sliding** casement bracket
- GEZE OL 90 N casement bracket for timber framed windows **with Euronut**
- GEZE OL 90 N **sliding** casement bracket for timber framed windows **with Euron**

GEZE Fanlight Opener Operating Elements



OL 90 N lever
for angular windows and special window shapes



Fixed cranking handle
with articulated crank and crank handle holder

Removable cranking handle
with articulated crank and crank handle holder



Swivelling hand lever
for the flexible application of the GEZE hand lever under confined conditions



Lockable hand lever
(with cylinder lock – same key)

GEZE Fanlight Opener Gripping and Cleaning Scissors



Smart restricting devices for windows

In the case of bottom hung windows, restrictive devices must be used in addition to fanlight openers. They restrict the tilting movement of the casement subsequent to unhinging the scissor so that the casement does not become a potential danger during cleaning.

For this purpose, GEZE offers the smart gripping and cleaning scissor (gripping position) for vertically installed rectangular bottom hung casements.

The variety of gripping positions covers a wide application range.

The additional cleaning position provides for significant ease during window cleaning.

GEZE offers three sizes:

- Size 1: starting from casement height 360 mm (timber, plastic)
- Size 2: starting from casement height 540 mm (timber, plastic)
- Size 3: starting from casement height 740 mm (timber, plastic)

GEZE Fanlight Opener Locking

Concealed locking device with locking driver

The GEZE locking driver provides tightness and safety over the entire closing surface and is burglary-resistant. The drivers are used for standard central locking devices (concealed locking devices) and can be easily clamped on. Both drivers have been designed for use with profiles and fittings. Combined with a central locking device provided by the customer, complete locking of the casement is possible.

Supplementary locking device

If used on the opposite side of the hand lever, an additional corner transmission is required.

Surface mounted locking device

It is also possible to add an additional surface mounted locking device.

Concealed locking OL 90 N / OL 95



Concealed locking OL 320



Additional locking OL 90 N / OL 95



Additional locking OL 320



GEZE Fanlight Opener Top Hung Outward Opening



Slimline fanlight opener with burglary-resistant locking

Fanlight opener in appealing design. It is ideally suitable for vertically installed, outward opening top hung windows made of timber, plastic and light-metal with jamb depths of 0 – 60 mm. The hand lever, cranking handle or electrically operated linear drive can be operated from the left or from the right. The burglary resistant function of the additional locking device is SKG-certified. The installation of OL 90 N top hung outward opening is simple since scissors and rods can be mounted from the front. It only requires very little space underneath and at the side of the casement.

The GEZE slimline fanlight openers comply with the high requirements of the RAL quality protection goals and the high RAL quality level.

Product features

- Large opening width of approx. 170 mm
- Full opening width for all casement heights
- Easy disengagement of scissors with trigger key, e.g. for window cleaning
- Completely pre-assembled units, resulting in fewer fittings

GEZE Fanlight Opener Vertical and Corner Transmission Gear

Additional operating comfort with the GEZE gear for slimline fanlight openers GEZE OL 90 N, OL 95 and OL 320.



GEZE Corner Transmission Gear Fz 90

The corner transmission with integrated gear can be used for fixed and detachable cranking handles. The operation by crank enables comfortable handling and intermediate ventilation positions. It is used for vertically installed, inward opening rectangular bottom or top hung casements.



GEZE Vertical Gear Fz 91

This gear can be used for fixed and detachable cranking handles on either the left or the right side. The operation by crank enables comfortable handling and intermediate ventilation positions. It is used for vertically installed, inward opening rectangular bottom or top hung casements and for angular windows in combination with a bendable corner transmission.



GEZE Gear Fz 92

This gear can be used for fixed and detachable cranking handles on either the left or the right side. The operation by crank enables comfortable handling and intermediate ventilation positions. It can be used for vertically installed angular and triangular windows; for rectangular windows it can also be used as horizontal gear.



GEZE Corner Transmission Gear Fz 100

The corner transmission with integrated gear for fixed and detachable cranking handles provides operating comfort and allows for intermediate ventilation positions. The corner transmission gear can be used on vertically installed inward opening bottom hung casements either on the left or on the right side. It can be used for rectangular windows and also for angular windows due to the bendable corner transmission.



GEZE Vertical Gear Fz 101

The corner transmission gear for fixed and detachable cranking handles can be used on vertically installed inward opening bottom hung casements either on the left or on the right side. The operation by crank enables comfortable handling and intermediate ventilation positions. It can be used for rectangular windows and also for angular windows due to the bendable corner transmission.