







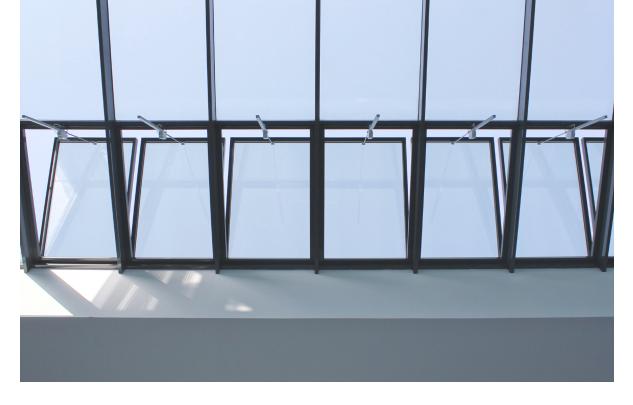




## **PRODUCT FEATURES**

The LUVIA is a window ventilator suitable for natural day to day ventilation and smoke control. The attractive aesthetics together with its technical properties make it a special solution for glass roofs applications. LUVIA has a very compact construction, high-quality and thermally broken aluminium pro iles. Possible glazing from 28 to 62 mm. Various opening systems are available, pneumatic and electric.





## UVio

**TYPICAL APPLICATIONS**  Particularly suitable for applications on glazed roof constructions. Installations: shopping centres; atria, offices, etc. Special profiles can be adapted for wall curtain systems or others as opening masonry.

**MATERIALS** 

The window structure consists of tempered aluminium. Both the outer frame and flap frame are thermally broken. The frame is sealed with EPDM rubbers.

**DIMENSIONS** 

Depends on type of profiles. Different profiles are available.

**INSTALLATION ANGLE** 

Almost vertical and horizontal usage (2° - 85°).

**OPENING ANGLE** 

Depends on dimensions, weight and type of control system.

AIR, WIND, WATER **TIGHTNESS** 

Air permeability; class 4 (600 Pa), Resistance to wind load; E 2150 (2150 Pa), Water tightness; E 1200 (1200 Pa).

**THERMAL INSULATION** 

U-value down to 1.3 W/m<sup>2</sup>K depending on the frame/vent combination and the glass thickness. Versions with high insulation, HI and HI+, are available.

**ACOUSTIC PERFORMANCE**  From 39 (0;-2) dB till 42 (-1;-2) dB

**GLAZING POSSIBILITIES**  Possible glazing from 28 to 62 mm. Glazing beaded for standard glass. Stepped glass for a more aesthetic version. Combination of both (beaded and stepped glass). Use the stepped glass below for inclinations from 2° to 33°.

M230 V AC electric drive (for day to day ventilation)

**WEIGHT** 

Depends on dimensions and type of gazing.

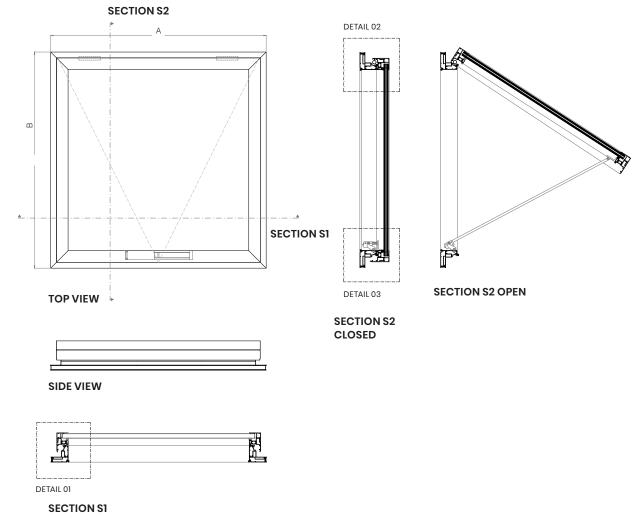
**OPTIONS** 

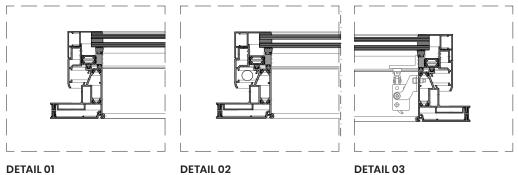
Custom dimensions / Powder-coated design (any RAL colour).

**REGULATIONS** 

The system has been tested and is certified in accordance with EN 12101-2.

GENERAL DRAWINGS | LUVIA





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