



Ultrasky Casement Ventilator

Width Min. 500mm / Max. 2700mm

Height Min. 500mm / Max. 2000mm

Ultrasky Casement Ventilator

Ultrasky is a high quality glazed natural ventilator designed for both smoke and natural ventilation requirements. It's extremely low air permeability characteristics, low profile and aesthetic features offer the ideal solution for modern buildings of a high specification.

The Ultrasky has been specifically designed for seamless integration into inclined and vertical glazing systems with an extremely low silhouette.

Material and Finish

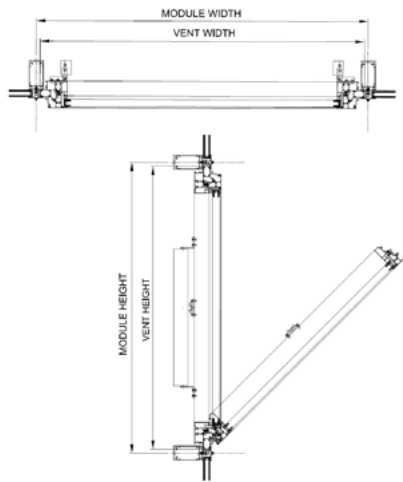
Aluminium extrusion. Natural anodised aluminium or powder coated to RAL colour.

The Ultrasky can also have Bi-Color finishes with alternative colours externally and internally offering a unique design element.

Aesthetic Design

The Ultrasky has a very attractive design and appearance. This is down to:

- Compact frame dimensions
- Only 37mm offset between fixed and window glazing
- Completely concealed hinges
- No screws and no glass bead



Type 50 Vertical Ultrasky - Bottom hung chain actuator

Glass & Panel Types

Ultrasky can be fitted with either:
(Glass thickness can range from 9 to 48mm)

- Single Glazed
- Double Glazed
- Triple Glazed
- Insulated Or Un-Insulated Aluminium
- Polycarbonate

Benefits

- High aerodynamic, acoustic and thermal performance
- Ease of installation and servicing
- Low ongoing maintenance cost

Control Options	Tested to
24v Drive Open/Drive Close Actuators (Chain or Spindle) for smoke ventilation	EN12101-2
230v Drive Open/Drive Close Actuators (Chain or Spindle) for natural ventilation	

Installation

Inclined installation into glazing systems (type 105), can be installed down to 2 degrees. Vertical installation (type 50) into glazing or block work openings. Glazing adapters as standard and alternative installation options available.

- Turndown Base - mounting onto weathered roof upstand
- Flat Base - mounting directly onto roof sheeting

The Ultrasky has completely concealed hinges and can be top hung, side hung or bottom hung.

Test	Class
Snow Load	SL-125
Fire Reaction	Class E
Wind Lload	WL-2000
Temp (low)	T (-5°C)
Temp (high)	B-300
Reliability	RE-1000

Testing

The Ultrasky has been tested to BS EN 12101 – Part 2: 2003: Specification for natural and heat exhaust ventilators.



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Revision 1

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