Glazed Ultrasky
Smoke & Natural Ventilator
TESTED TO BS-EN 12101:Part 2 2003

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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.

Product Specification

**Construction**
Aluminium Extrusion

**Sizes & Weights**
Available in increments from 500 mm to 2000 mm high and 500 mm to 2700 mm wide. The maximum weight is 165kg.

**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

**Controls**
- 24v Drive Open/Drive Close actuators (chain or spindle) for smoke ventilation schemes
- 230v Drive Open/Drive Close actuators (chain or spindle) for natural ventilation schemes

**Finish Options**
- Natural anodised
- Polyester powder coated to a BS Standard or RAL colour

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

**Glass & Panel Types**
Ultrasky can be fitted with either of the following:
(Glass thickness can range from 9 to 48mm)

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

**Sealed Unit Structure**
Due to its triple sealed system the Ultrasky can offer extremely low air permeability rates meeting the demands of new regulations.

Within its extrusion the Ultrasky has a thermal break which helps reduce thermal heat loss and condensation build up.

**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 up-stand
- Flat Base - mounting directly onto roof sheeting

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

**Control Options & Certification**
The Skyvent is available with the following standard controls:

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<tr>
<th>Control Options</th>
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<td>24v Electric Drive Open/Drive Close Actuators (Chain Or Spindle)</td>
<td>EN-12101</td>
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**Testing**
The Ultrasky has been tested to BS EN 12101 – Part 2: 2003:
Specification for natural and heat exhaust ventilators.

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<td>Snow Load</td>
<td>SL-125</td>
<td>Temp (Low)</td>
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<td>Fire Reaction</td>
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<td>Wind Load</td>
<td>WL-2000</td>
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Glazed Ultrasky
Technical Drawings

Selecting Your Vent - Contact one of the ventilation team to discuss any required technical information. We are unable to produce data tables because there are so many variables depending on the application.

- Typical Horizontal Ultrasky Detail (Bottom Hung - Spindle Actuator)

- Typical Vertical Ultrasky Detail (Bottom Hung - Chain Actuator)
Powrmatic are able to offer full product application advice to our customers to ensure the best product is selected to meet the required budget, design and regulatory requirements. Our product range is guaranteed and fully backed with servicing support if required.

The ventilation team are dedicated to ensure your project runs smoothly from start to finish. We believe personal customer service is key to each and everyone of our customers.

The team have a wealth of product knowledge to ensure the best product is selected to meet the required budget, design and regulatory requirements. In addition a UK wide network of approved specialist ventilation design and installation partners providing you with the full turnkey package.

Our on-site sales and design team, along with our manufacturing and paint line enables us to have full control of your order, from the initial approval drawing all the way through to the strategic delivery on-site.

The team is always on hand to deal with any unexpected changes within your project, from lead times to the change in design of your order, the ventilation team work extremely hard to ensure our products and services meet your demands and expectations.

To see how Powrmatic Ventilation can help with your project, simply get in touch via the contact details below:

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