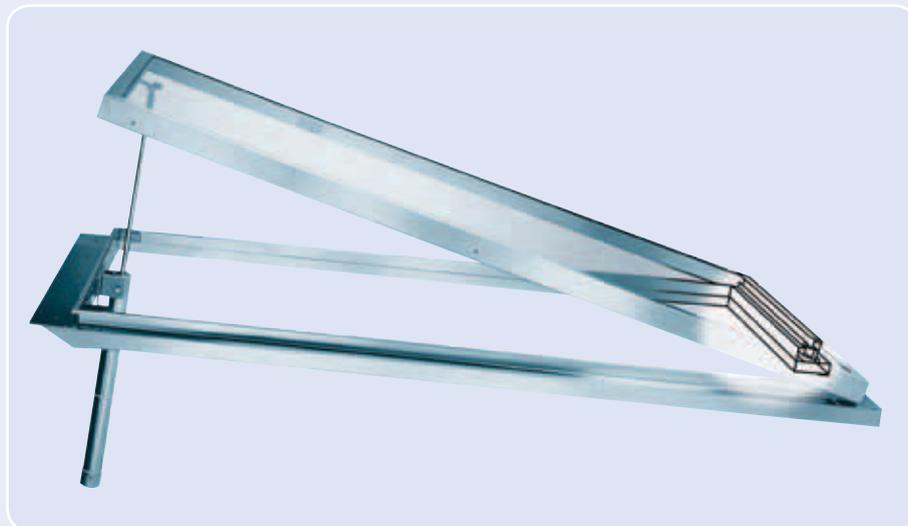




Glazed casement solution

The Ventria is a low cost solution for glazed applications where concealed controls are not required. The ventilator can be used both for smoke and day to day ventilation. The Ventria is available in standard or thermally broken versions, with infill panels of glass or insulated aluminium with a maximum thickness of 40mm. Suitable for installation from 15 to 90 degrees, electrically or pneumatically controlled.



Controls

Compressed air cylinder, CO₂ control, electric spindle motors or rotary spindle with control block. Opening angle depends on the selected stroke length for the control mechanism. Brakel supplies the compressed air controls with a double-action compressed air cylinder that is locked in its open and closed state.

Designs

The Ventria is a hinged ventlight that can be incorporated into glazed roofs and glazed walls. The opening angle of the window in relation to the base structure is variable up to a maximum of 75°. The structure consists of tempered aluminium, sea water corrosion-resistant AlMg3.

Extruded material made of AlMg Si 0.5. The frame is sealed with EPDM rubbers to ensure optimal sealing. The Ventria can be supplied both uninsulated (Ventria-O), insulated (Ventria G) and heat-insulated (Ventria TG).

The Ventria can be supplied in both untreated and anodised designs or powder-coated (in any RAL colour you require). Amongst other things, the following infills can be integrated into this ventlight: single- or double-walled aluminium panel, laminated glass, insulated glass, double-walled and triple-walled polycarbonate.

External appearance, dimensions, weight etc.

Any rectangular shapes are possible as standard with a:

- maximum height of 2700 mm
- maximum width of 2000 mm
- maximum surface area of 3.5 m²
- maximum weight of the panel is 35 kg/m²

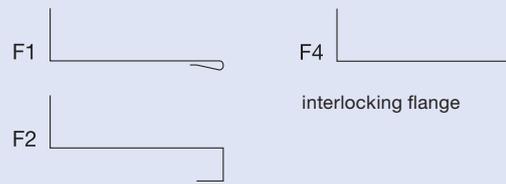
Alternative dimensions, panels and shapes can be supplied on demand.

The weight depends on dimensioning and panel.

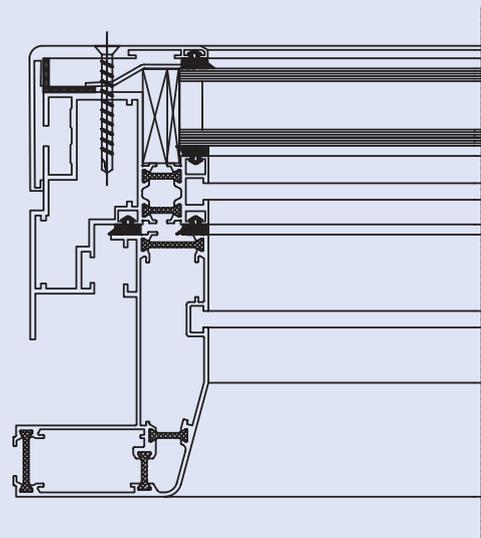
The maximum weight of the panel is 35 kg/m².

Regulations

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



Flanges



Cold bridge-free

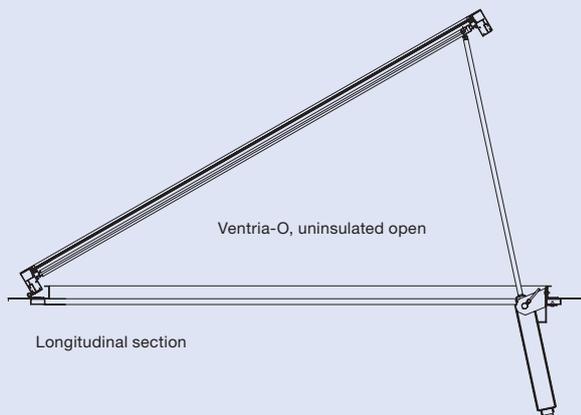
Ventria-TG, cold bridge-free

Cross section



Ventria-O, uninsulated open

Longitudinal section



Cross sections

For more information please refer to our website: www.deltavent.com
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