

Ranger



Stylish glazed smoke ventilator for glazed structures

Airvent's attractive, transparent top-hung Ranger window provides for both natural ventilation and removal of smoke and heat.

Thanks to its stylish design, the Ranger is popular with clients looking to ventilate structural glass buildings or those with glass façades/roofs.

Materials

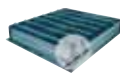
The Ranger is available in both thermally insulated, standard insulated or uninsulated forms, and is suitable for all types of glass up to 40mm thickness. Operating at angles up to 70° from the base structure, the frame is sealed with EPDM to ensure optimal sealing.

A variety of infills can be incorporated (single or double-walled aluminium panel, laminated glass, insulated glass, double or triple-walled polycarbonate) and Airvent can supply the finished product anodised or in a variety of RAL finishes.

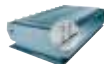
Application

- > Commercial
- > Shopping centres
- > Atria
- > Residential
- > Retail
- > Airports
- > Leisure
- > Schools

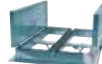
Our range



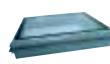
Safeguard



Aquaguard



Firesafe



Spirit



Shadow



Ranger



Phantom



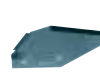
Protector



Enforcer



Sentry



Guardian



Smoke Guard



Fireguard



IntelliVent OPC

Designs

The Ranger is a hinged ventilator 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 Ranger can be supplied both uninsulated (Ranger-O), insulated Ranger-G) and heat-insulated (Ranger-TG). The Ranger 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 ventilator: 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:

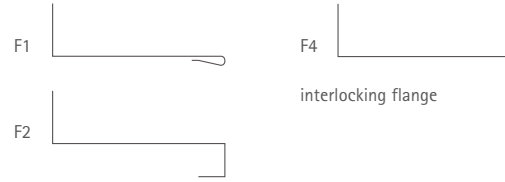
- > maximum height of 2700 mm
- > maximum width of 2000 mm
- > maximum surface area of 3.5 m²
- > maximum weight of the panel is 35 kg/m²

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

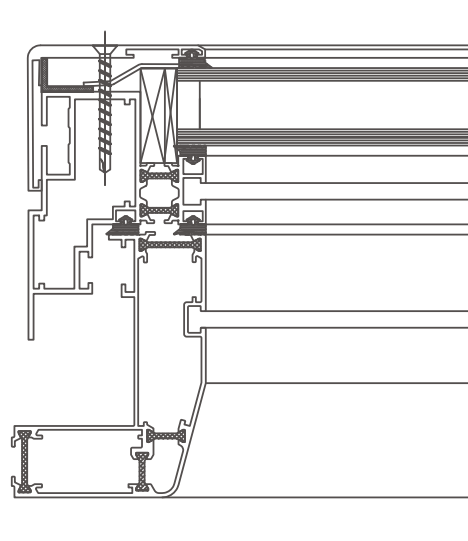
The weight depends on dimensioning and panel.

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

Flanges



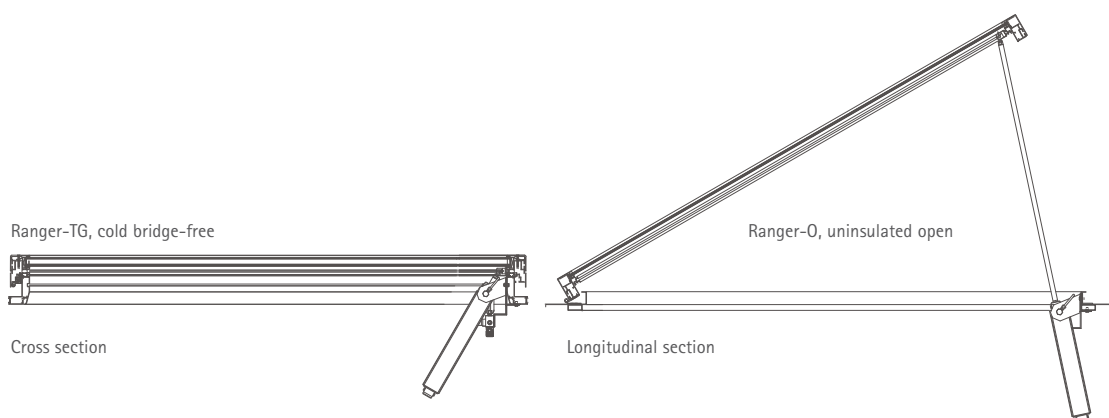
Cold bridge-free



Regulations

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

Cross sections



Technical modifications reserved

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