

Protector



Translucent louvred smoke ventilator

Attractive, sleek and elegant, the Airvent Protector louvred ventilator is designed to be applied vertically and is suitable for both day-to-day ventilation and smoke and heat extraction in the event of fire.

The translucent design makes it an aesthetically-desirable addition to any structure, and Airvent's Protector has thermally-insulated profile sections, designed with both insulated glass and single glazed glass in mind.

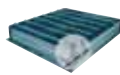
Materials

Constructed from corrosion-resistant extruded aluminium, the Protector is available unpainted, RAL powder coated or anodised finish. The seal used is dependent on the type of closure method employed (e.g. mohair brushes). Airvent will be happy to advice on the best system for your needs.

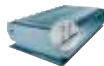
Application

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

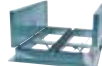
Our range



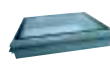
Safeguard



Aquaguard



Firesafe



Spirit



Shadow



Ranger



Phantom



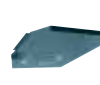
Protector



Enforcer



Sentry



Guardian



Smoke Guard



Fireguard



IntelliVent OPC

Designs

Single glazing design:

The uninsulated design is fitted with single glazed, toughened glass with a thickness of 6, 8 or 10 mm, depending on the width. The frame is designed in a thermally insulated profile section.

Doubled glazing design:

The insulated design fitted with insulated glass is completely thermally insulated. The blades are fitted with a thermal profile section incorporating insulated glass. The glass thickness is 24 mm. Glass composition as required. Alternative infill panels are also available.

Details

The blade height can be selected to vary between 100 mm and 300 mm (single glazing) or 150 mm to 300 mm (double glazing). The blade height is adapted to the total height for each design. In this way all blades are equal for each design, which means that no adapters are required. Determining of the blade height for each project certainly enhances the aesthetics.

Controls

The controls of the Protector can be implemented with different variants.

- > Pneumatic controls
- > Electrical controls (24/230V)
- > Manual controls

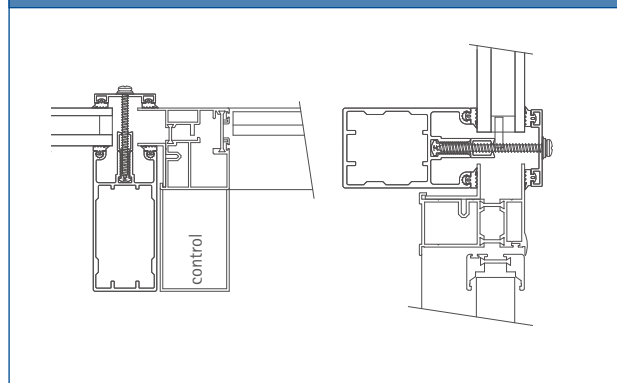
Dimensions

- > A minimum of 400 x 700 (width x height)
- > A maximum of 1600 x 3000 (width x height)
- > Height: 700 to 3000 mm
- > Width: 400 to 3000 mm (incorporating a vertical mullion from 1500 mm)

Regulations

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

Interface in wall construction



Cross sections

