

Hybrid Multi-Louved Smoke Vent | Louvre Ventra



Product Features:

This all-weather ventilator features integrated lateral flaps, enabling effective ventilation even in poor weather conditions. The side flaps operate pneumatically or electrically and are automatically controlled by a rain sensor, while the top louvres allow rapid removal of warm air and/or smoke.

Suitable for flat, northlight, and other roof types, the unit also functions as a natural smoke and heat exhaust ventilator. Manufactured to ISO 9001 standards and compliant with EN 12101-2, it is constructed from corrosion-resistant aluminium for durability and watertight performance. Available with pneumatic or electric operation, in sizes up to 2000 x 3166 mm (width x length).

Typical Applications:

Suitable for installation on roofs or within barrel vault daylighting systems, the unit is ideal for warehouses, logistics centres, production facilities, and industrial environments.

Materials:

Manufactured from tempered aluminium (EN AW 5754) for excellent resistance to seawater and corrosion, the unit features corrosion-resistant bearings and integrated hydrophobic weather-sealing tape for enhanced durability and protection.

Note: Aluminium is supplied untreated as standard, with the option of electrostatic powder coating in any RAL colour.

Dimensions:

Designed for roof openings ranging from 1000 mm to 2000 mm in width and 1627 mm to 3166 mm in length.

Regulations:

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

Weight:

Depends on the dimensions and type of infill.

Options:

Custom dimensions, Powder-coated design (any RAL colour), Bird or insect mesh.



Opening Angle:

Individual angle from 0 up to 90 degrees.

Controls Natural Ventilation:

- P1: Compressed air opening and spring closing
- M24V: Electric Motor
- M230V: Electric motor
- Combination Set: P1 + 230 V or P2 + 230 V

Controls Fire Ventilation:

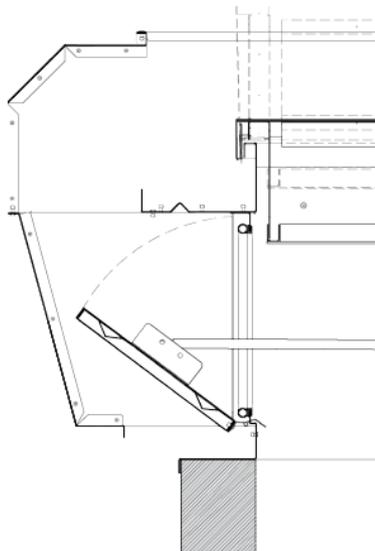
- P1F: Single pipe compressed air operation with fire function
- P2F: Double pipe compressed air operation with fire function
- M24V: Electric motor

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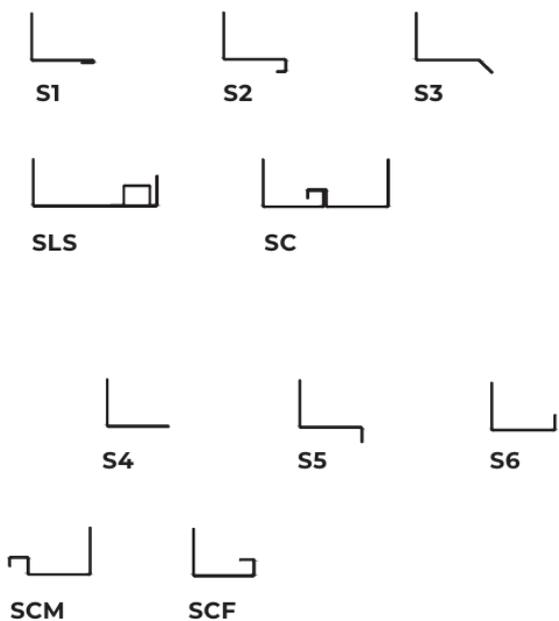
Louvers:

- AL** Single aluminium
- AL ISO** Double insulated aluminium
- PC16** Polycarbonate 16mm, clear or opal
- PC25** Polycarbonate 25mm, clear or opal



Detail 01
Single aluminium.

Bases: Single aluminium. Double wall aluminium with insulation.

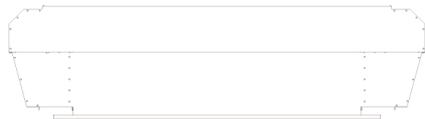
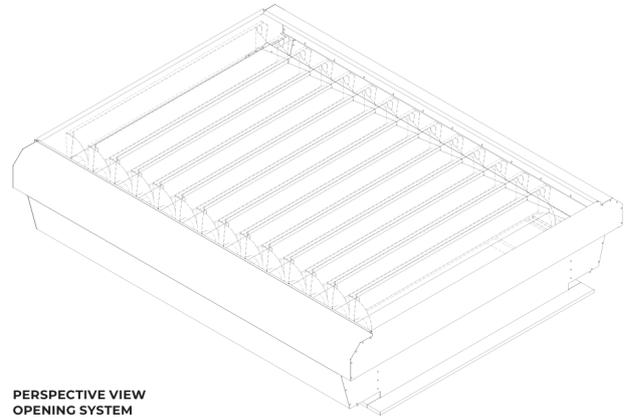
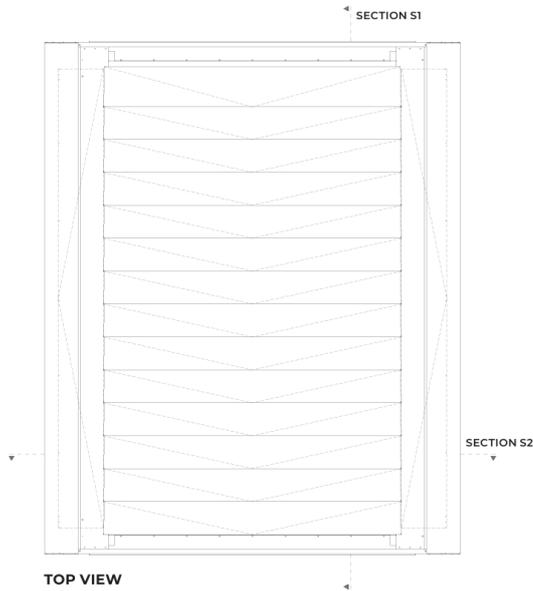


Flanges:

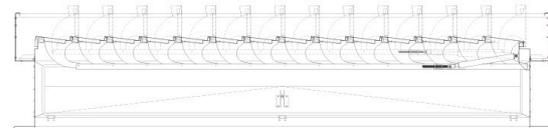
- S1 Flange for single glass.
- S2 Flange for double glass.
- S3 Flange for roofs, 45 degree bended.
- S4 Flange for roofs and facades
- S5 Flange for upstand, 90 degree bended downwards
- S6 Flange for 90 degree bended upwards
- SLS Flange for skylight connection, for different polycarbonate thickness.
- SC Flange for connection with other flange (vents connection).
- Male or female connection.
- SCM Flange for male connection.
- SCF Flange for female connection.

* Custom flange design and insulated flanges upon request

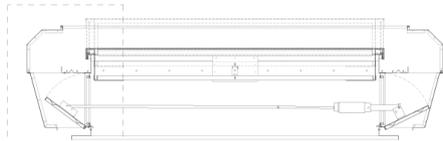
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FRONT VIEW



SECTION S1



SECTION S2



SIDE VIEW

Dimensions/ Louvres Table:

Number Of Louvres	7	8	9	10	11	12	13	14
	Width (mm)	Length (mm)						
1000	1626	1846	2066	2286	2506	2726	2946	3166
2000								

* Other dimensions upon request

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