

Multi-Louved Vent | Louvre Ventra



Product Features:

Our multi-louved ventilator that provides a cost effective, non-powered solution for removing large volumes of warm air/ or smoke from a building quickly and effectively.

Developed as an advancement of the proven Ventra system, it addresses increasing global demands for improved airtightness and thermal insulation in modern building designs. The unit is suitable for fresh air supply via facade, smoke and air extracting through facade or roof installation and can also support natural daylighting.

Manufactured to ISO 9001 quality standards, the ventilator is constructed from high-quality, corrosion-resistant aluminium to promote durability, water tightness and low maintenance. Opening options include pneumatic cylinders, electric motors or a combined system offering flexibility across a wide range of applications.

Typical Applications:

Suitable for installation on both roofs and facades, with adjustable installation angles from 0 degrees to 90 degrees. Commonly used in industrial buildings, warehouses, logistics centres, shopping centres, atriums, schools, stairwells and similar environments.

Materials:

Constructed from tempered aluminium that is resistant to seawater and corrosion (EN AQ 5754) and fitted with corrosion-resistant bearings. Each unit includes an integrated weather seal and a hydrophobic tape for enhanced protection. Aluminium is supplied untreated as standard, with the option for electrostatic powder coating in any RAL colour.

Dimensions:

Roof opening widths range from 300mm to 2400mm, while opening lengths span 746mm to 3826mm (up to 17 louvres maximum).

Our units are available in large sizes, with dimensions up to 2400 x 3826mm (width x length).

Regulations:

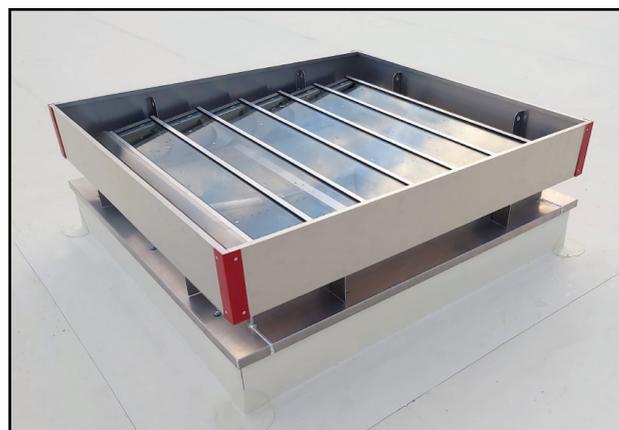
The systems has been tested and is certified in accordance with EN 12101-2.

Weight:

Depends on the dimensions and type of infill.

Options:

Custom dimensions, Powder-coated design (any RAL colour), Bird or insect mesh, Anti-fall grid 1200 J.



Opening Angle:

Individually adjustable, allowing opening position from 0 degrees up to 90 degrees.

Controls Natural Ventilation:

- P1: Single pipe compressed air operation
- P2: Double pipe compressed air operation
- M230V: Electric motor
- Combination Set: P1 + 230 V or P2 + 230 V

Controls Fire Ventilation:

- P1: Single pipe compressed air operation with fire function
- P2: Double pipe compressed air operation with fire function
- M24V: Electric motor

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SW



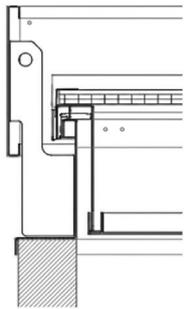
PC25



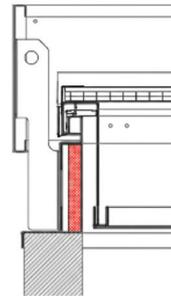
Glass

Louvers:

- SW** Sandwich panel 25mm, U-Value = 1,65 (W/(m2.K))
- PC25** Polycarbonate 25mm / 9-X structure, clear or opal, U-Value = 1,4(W(m2.K))
- Glass** Insulated double glass 25mm, U-Value = 1,1 (W/(m2.K))

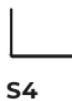
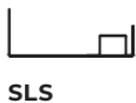
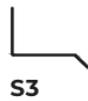


Detail 01
Single aluminium.



Detail 02
Double wall aluminium with insulation.

Bases: Single aluminium. Double wall aluminium with insulation.

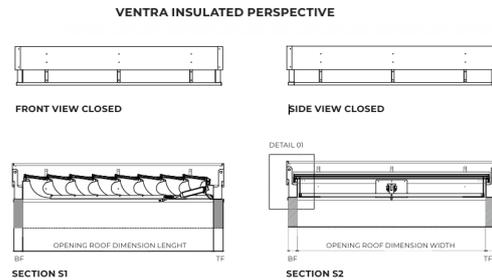
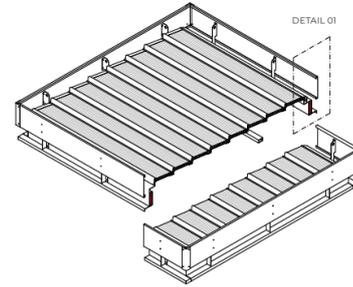
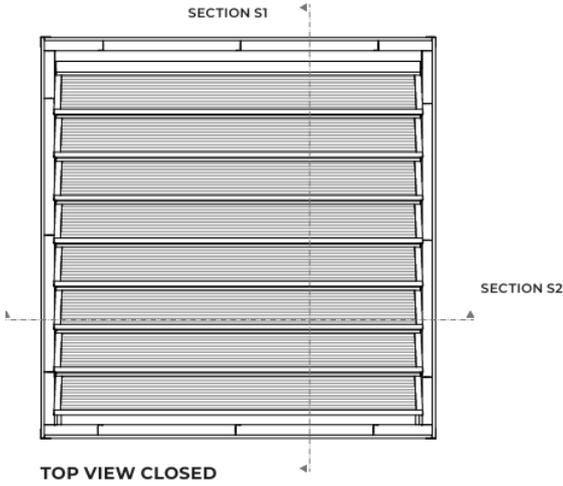


Flanges:

- 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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Dimensions/ Louvres Table, SW/PC25mm:

Number Of Louvres	Length (mm)																
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Width (mm)																	
300																	
600																	
1000	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826		
1800																	
2000																	
2400																	

Dimensions/ Louvres Table, Glass:

Number Of Louvres	Length (mm)														
	3	4	5	6	7	8	9	10	11	12	13	14	15		
Width (mm)															
500 - 1100										2726	2946	3166	3386		
1200 - 1700	746	966	1186	1406	1626	1846	2066	2286	2506						

* Other dimensions upon request

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