

Uninsulated Multi-Louvred Vent | Louvre Ventra



Product Features:

Our multi-louvred ventilator is designed to provide a cost effective, non-powered solution for natural ventilation. It allows rapid removal of large volumes of warm air and/or smoke and is suitable for facade air intake, facade and roof extraction, as well as natural daylighting.

Manufactured to ISO 9001 standards from high-quality, corrosion-resistant aluminium, it offers durability, watertightness and low maintenance. Operation is available via pneumatic cylinder, electric motor or combined system. Units are available in sizes up to 2400 x 3826mm (width x length).

Typical Applications:

Suitable for installation on both roofs and facades, with adjustable angles from 0 to 90 degrees. Typical applications include industrial buildings, warehouses, logistics centres, shopping centres, atriums and similar environments.

Materials:

Manufactured from tempered aluminium (EN AW 5754), offering excellent resistance to seawater and corrosion. The unit includes corrosion resistant bearings and integrated hydrophobic weatherproof sealing tape for enhanced protection.

Note: Aluminium is supplied untreated as standard, with the option of 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).

Regulations:

Certified to EN 12101-2 and compliant with French standards NF S 61 937 (NSHEV and natural air inlet devices), VENTRA is also ATEX certified in accordance with Directive 2014/34/EU.

Weight:

Depends on the dimensions and type of infill.

Options:

Custom dimensions, Powder-coated design (any RAL colour), Bird or insect mesh, Thermofuse 68/ 93/ 141 degrees celsius, available in tout temps version.



Installation Angle:

Installation angle from 0 up to 60 degrees.

Controls Natural Ventilation:

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

Controls Fire Ventilation:

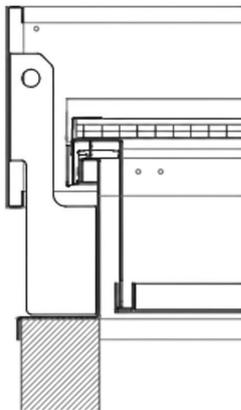
- P1: Single pipe compressed air operation with fire function
- P2: Double pipe compressed air operation with fire function
- M24V: Electric motor

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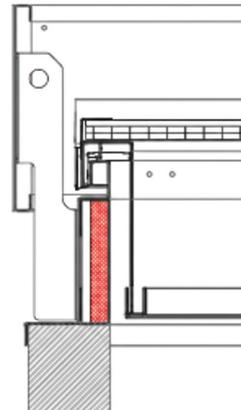


Louvers:

- AL** Single aluminium U-Value=
- AL ISO** Double insulated aluminium, U-Value=
- PC16** Polycarbonate 16mm, clear or opal. U-Value=1,77 (W/(m2.k))
- GLASS** Single glass 6mm. U-Value = 4.71 W/m2K

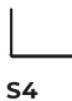
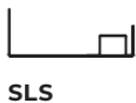


Detail 01
Single aluminium.



Detail 02
Double wall aluminium with insulation.

Bases: Single aluminium. Double wall aluminium with insulation.

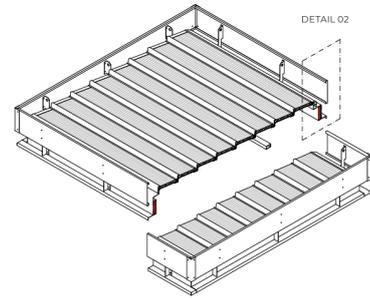
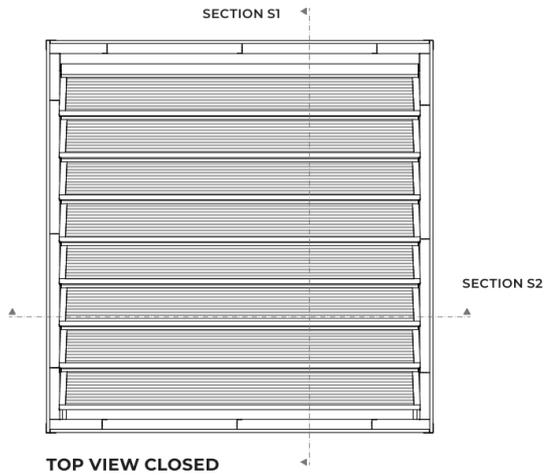


Flanges:

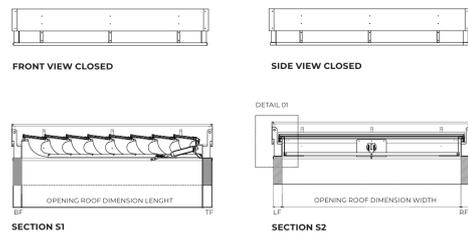
- S1 Flange for single glass.
- S2 Flange for double glass.
- S3 Flange for roofs, 45 degree bended.
- S4 Flange for roofs and facades
- S5 Flange for upstand, 90 degree bended downwards
- S6 Flange for 90 degree bended upwards
- SLS Flange for skylight connection, for different polycarbonate thickness.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

* Custom flange design and insulated flanges upon request

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VENTRA INSULATED PERSPECTIVE



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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