



PRODUCT FEATURES

MEGAVENTRA is an all-weather version of the VENTRA where we used the concept from MEGADELTA and added the lateral flaps to provide ventilation even in bad weather. It's equipped with lateral inner flaps to enable weather that can be opened/closed pneumatically or electrically. At the top it's equipped with a louvres that open and close providing an economic method of ventilation, allowing the removal of large quantities of warm air and/or smoke from a building within a short period of time. The lateral flaps are closed by a spring mechanism and the changeover from fair-weather ventilation to weather-protected is controlled by a rain-sensor system.

MEGAVENTRA also serves as natural smoke and heat exhaust ventilator. Can be applied to various type of roof (flat roofs, northlights roofs and others) in suitable for a wide range of applications. The vents are manufactured according to ISO 9001 quality control standards and comply with the European requirements for NSHE according to EN 12101-2. MEGAVENTRA are formed from high quality corrosion resistant aluminium to ensure low maintenance requirements and water tightness.

Various method of operation using pneumatic or electric actuator are available. Available on large dimensions. Up to $2000 \times 3166 \text{ mm}$ (width x length).





megaventra

TYPICAL APLICATIONS

May be installed either onto roofs or into barrel vault daylighting systems. Particularly suitable for warehouses, logistics centres, production environments and industries.

MATERIALS

Tempered aluminium, sea water and corrosion resistant (EN AW 5754). Corrosion resistant bearings.

Built-in weather resistant hydrophobic tape.

Note: aluminum is supplied untreated as standard. Possibility of being supplied with electrostatic painting (in any RAL color).

DIMENSIONS

Roof opening width: 1000 - 2000 mm. Roof opening length: 1627 - 3166 mm.

OPENING ANGLE

Individual adjustable from 0° up to 90°.

M230V: electric motor.

CONTROLS NATURAL VENTILATION

P1: compressed air opening and spring closing. M24V: electric motor.

CONTROLS FIRE VENTILATION

P1F: single pipe compressed air operation with fire function. **P2F:** double pipe compressed air operation with fire function. **M24V:** electric motor.

LOUVRES

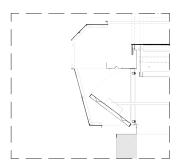
AL Single aluminium.

AL ISO Double insulated aluminium.
PC16 PC25 Polycarbonate 16 mm, clear or opal.
Polycarbonate 25 mm, clear or opal.

BASES

Single aluminium.

Double wall aluminium with insulation.

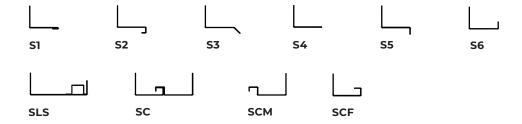


DETAIL 01 single aluminium

FLANGES

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

Note: custom flange design and insulated flanges upon request



DIMENSIONS/LOUVRES TABLE

NUMBER								
OF LOUVRES	7	8	9	10	11	12	13	14
WIDTH (mm)	LENGTH (mm)							
1000 2000	1626	1846	2066	2286	2506	2726	2946	3166

Note: other dimensions upon request.

WEIGHT

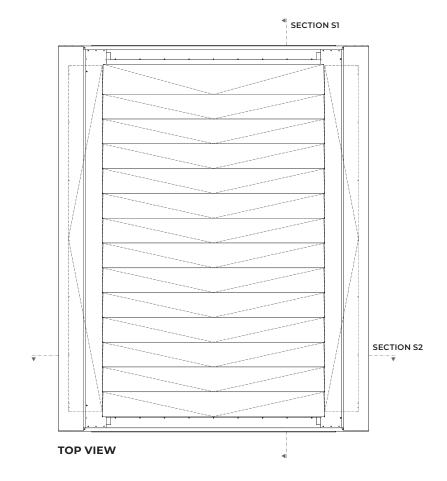
Depends on dimensions and type of infill.

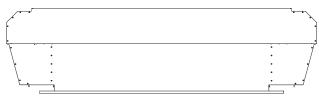
OPTIONS

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

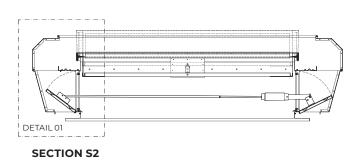
REGULATIONS

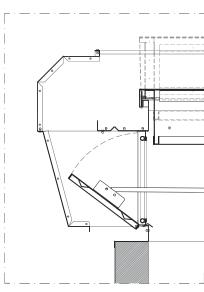
The system has been tested and is certified in accordance with EN 12101-2.



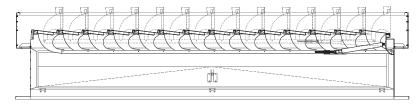


FRONT VIEW





DETAIL 01



SECTION S1



SIDE VIEW

