PRODUCT FEATURES

VENTRA F is a multi louvred ventilator that provides an economic, nonpowered 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 VENTRA F is suitable for air feed (facade), air extraction (facade) and natural lighting.

The vents are manufactured according to ISO 9001 quality control standards. The vents are formed from high quality corrosion resistant aluminium, to ensure low maintenance requirements and watertightness.

Various methods of operation using pneumatic or electric actuators are available. The ventilator design produces a versatile economic unit suitable for a wide range of applications. Available on large dimensions, up to 2400 x 3804 mm (width x length).

130, Chemin de La Croze
38 260 Faramans
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ventra-f

TYPICAL APPLICATIONS

Versatile scope of applications on facades, with an installation angle close to 90°. Installations: industrial buildings, warehouses, logistics centres, shopping centres, atria, among others.

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

Facade opening width: 300 - 2400 mm.
Facade opening length: 746 - 3826 mm (17 louvres, max.).

INSTALLATION ANGLE

Installation angle from 60° up to 90°.

CONTROLS NATURAL VENTILATION

P1: single pipe compressed operation.
P2: double pipe compressed air operation.
M230V: electric motor.

CONTROLS FIRE VENTILATION

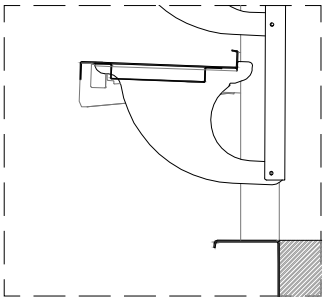
P1F: single pipe compressed air operation with fire function.
P2F: double pipe compressed air operation with fire function.
M24V: electric motor.

LOUVRES

AL	Single aluminium. U-value =
AL ISO	Double insulated aluminium. U-value =
PC16	Polycarbonate 16 mm, clear or opal. U-value =
GLASS	Single glass 6 mm. U-value =

BASES

Single aluminium.
Possibility of insulated flange.

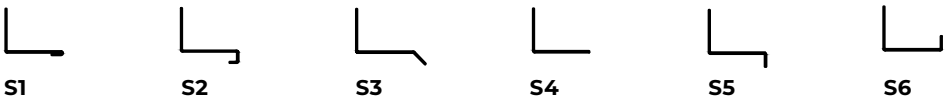


DETAIL 01
single aluminium

FLANGES

S1	Flange for single glass.
S2	Flange for curtains wall.
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.

** Custom fanges design and insulated flanges available upon request*



S1 **S2** **S3** **S4** **S5** **S6**

SLS **SC** **SCM** **SCF**

DIMENSIONS/LOUVRES TABLE, AL, AL ISO, PC

NUMBER OF LOUVRES		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
WIDTH (mm)		LENGTH (mm)														
300 600 1000 ... 1800 2000 2400	**HB**	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
	LB	737	944	1164	1384	1604	1824	2044	2264	2484	2704	2924	3144	3364	3584	3804

DIMENSIONS/LOUVRES TABLE, SINGLE GLASS

NUMBER OF LOUVRES		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
WIDTH (mm)		LENGTH (mm)														
500-1100	**HB**	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	-	-
1200-1700											-	-	-	-	-	-
	LB	737	944	1164	1384	1604	1824	2044	2264	2484	2704	2924	3144	3364	3584	3804

Note: *other dimensions upon request.*

WEIGHT

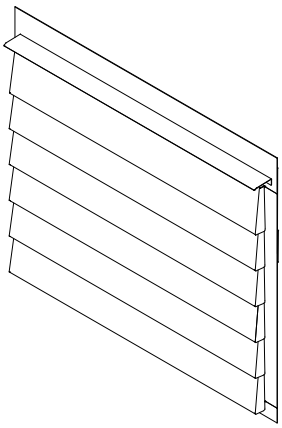
Depends on dimensions and type of materials.

OPTIONS

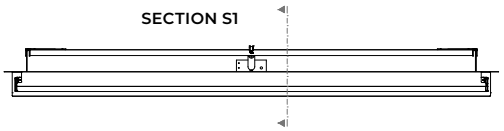
[1] Custom dimensions.
Powder-coated design (any RAL colour).
Bird or insect mesh.
Thermofuse 68°C / 93°C / 141°C.

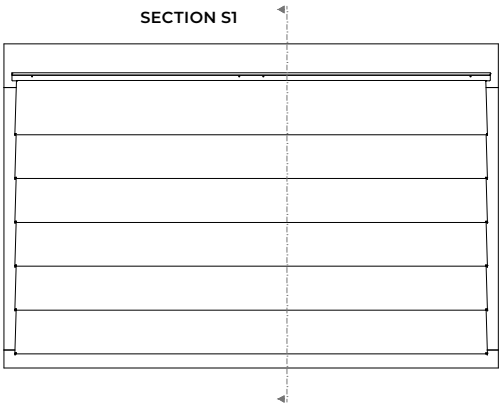
REGULATIONS

The system has been tested and is certified in accordance with EN 12101-2.
Complies with French standards NF S 61 937-1 and NF S 61 937-7 : natural smoke and heat exhaust ventilation (NSHEV).
Complies with French standards NF S 61 937-1 and NF S 61 937-8 : actuated safety device for natural air inlet.

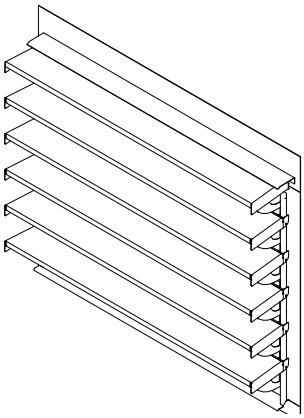


PERSPECTIVE VIEW CLOSED

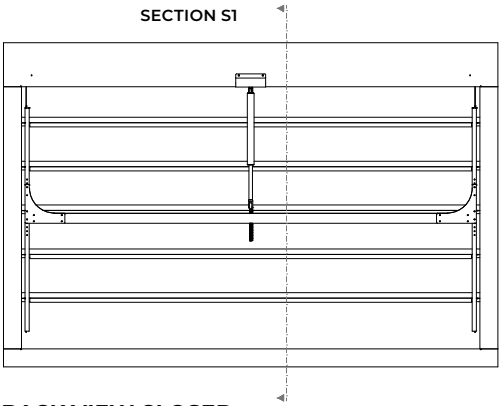




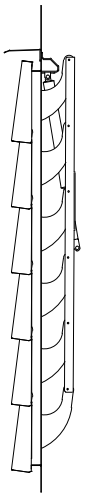
FRONT VIEW CLOSED



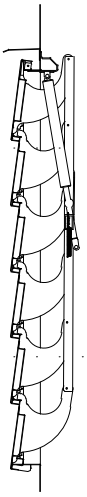
PERSPECTIVE VIEW OPEN



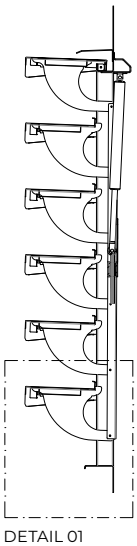
BACK VIEW CLOSED



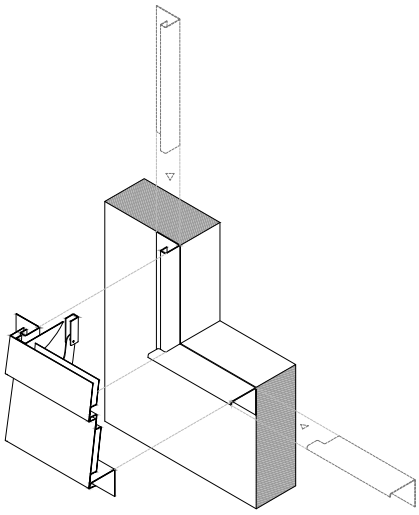
SIDE VIEW CLOSED



SECTION S1 CLOSED



SECTION S1 OPEN



BASE ASSEMBLY PERSPECTIVE