Aluminium + glass structure

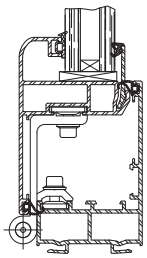
Product line SOUCHIER

Exubaie

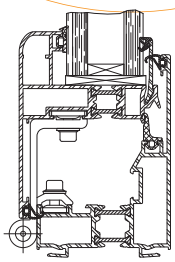
Smoke vents range

The EXUBAIE is a facade casement for smoke and air ventilation, equipped with components necessary for its opening.

CE



Standard profile



Profile with thermal bridge

DESCRIPTION

- Exubaie is a NSHEV (Natural Smoke and Heat Exhaust Ventilators) integrating its own mechanisms for installation on glazed structure.
- For wall installation: bottom/top/side hung outwards or inwards opening.
- The Exubaie profiles can be with or without thermal broken profile. The different adaptations available allow an easy installation on concrete, wood or on curtain wall.
- All finishes available: In any RAL paint or anodised finish.

REGULATION

- Exubaie is a NSHEV (Natural Smoke and Heat Exhaust Ventilators) conforms to EN 12101-2 and NFS 61 937-1.

PROFILES

- Standard (STD).
- Thermally broken profile (RPT).
- Adaptation on curtain wall.

PERFORMANCES

- NSHEV (Natural Smoke and Heat Exhaust Ventilators) certified NF EN 12101-2 and NFS 61 937-1.
- Classification Air/Water/wind (A 3, EE, UE) – new trials according to current European standards.
- Reliability Tests: Re 1,000 et Re 10,000.
- Aerodynamic value: Cv from 0.5 up to 0.6 in accordance with size and opening angle.
- Ug: from 1.9 up to 4 W m^2/°K for opaque thermal infills.
  Ug: from 2.1 up to 5.7 W m^2/°K for glass infill

* Test reports on demand.

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Exubaie

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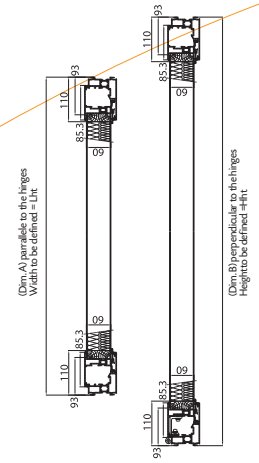
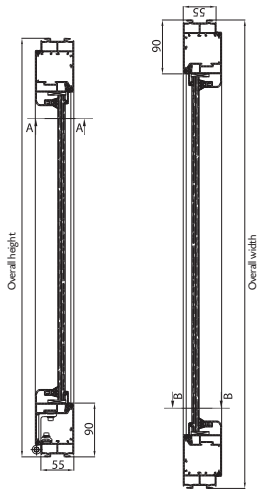
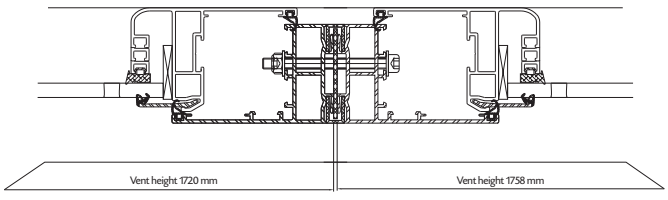


Acoustic infill



Glass infill



Assembly of 2 frames

DIMENSIONS

Dimensions mini and maxi, in width and length overall:

- Mini: 500 x 500
  Maxi: 1,600 x 1,600 or 2,400 x 1,200
  Weight of opening leaf: 60 kg maxi.
- For side hung ventilators, maximum dimensions are limited to
  900 x 1,800 or 800 x 2,400
  Weight of opening leaf: 60 kg.

INFILL

- Thickness mini acceptable: 6 mm with standard profile and 10 mm with thermally broken profile, Thickness maxi acceptable: 26 mm with standard profile and to 38 mm with thermally broken profile.

Filling available:

- Polycarbonate (PCA): 10 mm, 16 mm, 32 mm (light, opalescent or bronze).
- Insulated glass: standard, with reinforced insulation, with solar control...
- Thermal insulated infill: opaque, insulated aluminium (2 sheets of aluminium 15/10e + 30 mm insulation).
- Acoustic infill also available.

TYPES OF CONTROLS

- Electric.
- Pneumatic.
- Mechanical

Remote control:

- Basic release or opening and closing.

Mode:

- Power on mode
- Fail safe open

OPTIONS

- Thermal releaser.
- Safety switches open/close (Security option).

INSTALLATION

- For vertical wall installation (± 10°). Consult us.
- Specific adaptation profiles, accessories available.

PROJECT
CE MARK REQUIRED: YES or NO

Person concerned: .....
Date: .....

CHARACTERISTICS

INSTALLATION

F	☐	Vertical 90° *NB: If inclined please confirm* ..... °

FINISH

P	☐	Color anodisation n° .....
L	☐	Paint RAL standard n° .....
A	☐	Special anodisation
S	☐	Natural anodisation

OVERALL DIMENSIONS (width x height)
Width (mm)
Height (mm)

PROFILE

STD	☐	Standard profile
RPT	☐	Thermally broken profile
FIX	☐	FIXED

TYPE OF OPENING

BO	☐	Bottom hung outwards opening (width // hinges)
TO	☐	Top hung outwards opening (width // hinges)
SO	☐	Side hung outwards opening (width // hinges)
BI	☐	Bottom hung inwards opening (width // hinges)
TI	☐	Top hung inwards opening (width // hinges)
SI	☐	Side hung inwards opening (width // hinges)
F	☐	Fixed Exubay, without opening

OPENING ANGLE (if a minimum one is required)
☐ degrees

GLAZING

W	☐	Without glazing Type: ..... Thickness: ..... (if CE marked it is compulsory that the glazing be installed by ADEXSI)
S	☐	Simple glass clear: ..... mm
VL	☐	Laminated clear: ..... Thickness glazing: ..... mm
D	☐	Double glazing clear ...../...../..... Thickness: .....
SP	☐	Double special glass:
A	☐	Aluminium insulated panel 30 mm ☐ painted RAL
AP	☐	Accoustical panel 40 DB ☐ painted RAL
	☐	Others: .....

ACTUATOR

M	☐	Mechanical open close
MO	☐	Mechanical open only
EF	☐	Electrical 24 Vdc fail safe open / power to close
EP	☐	Electrical 24 Vdc power on mode open/close
PP	☐	Pneumatic open close fail safe
PF	☐	Pneumatic open close

STANDARD ADAPTATION

PS	☐	Predrilled and vis
PSW	☐	Position contact ☐ OPEN ☐ CLOSE

QUANTITY: .....

SPECIAL ADAPTATION REQUIRED:

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