

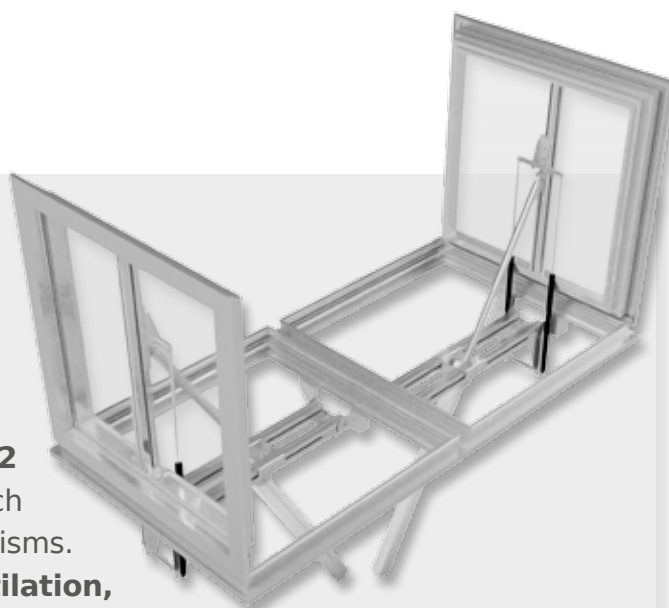
CERTILIGHT

LEAF VENTILATOR

QUALITY AND RUGGEDNESS

KEY FEATURES

CERTILIGHT is a roof vent with **2 leaves** that open opposite each other and have visible mechanisms. It is the ideal **solution for ventilation, smoke control and overhead lighting**, and guarantees optimum soundproofing and thermal performance.



Certilight electric



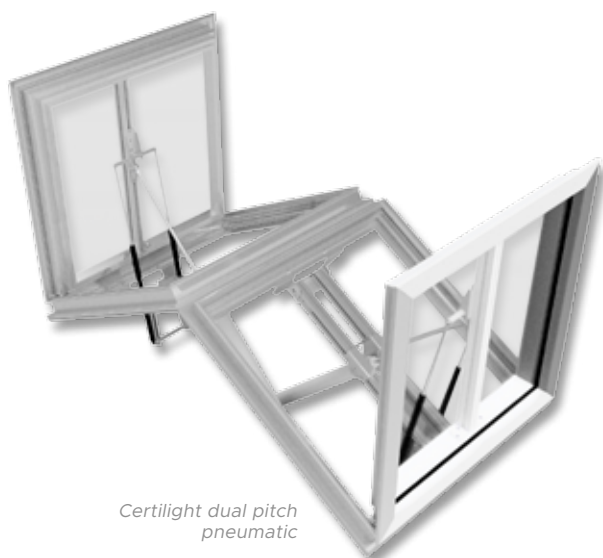
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NF - DISPOSITIFS
D'ÉVACUATION NATURELLE
DE FUMÉES ET DE CHALEUR
www.marque-nf.com

FEATURES

- Solution for **smoke control**, **daily ventilation** and **overhead lighting**
- Fitted on the **roof** (*on upstand*) or on **glass roof** (*on the slope or the ridge*)
- Versions: **glazed** or **opaque** / **with soundproofing** or **thermal insulation** / **HM** (Historical Monuments)
- Many types of infill
- With or without **wind barriers** (*fixed or folding*)
- Anodised / RAL painted finish



*Certilight dual pitch
pneumatic*



ARTEM university centre - Nancy
© ANMA - Agence Nicolas Michelin & Associés



Musée des Confluences - Lyon
© Coop Himmelb (L) Au

CERTILIGHT

ROOF NSHEV

DESCRIPTION

• **CERTILIGHT** is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF-DENFC** marking.

• If installed on a **glass roof** or an **atrium**, CERTILIGHT is installed **as a replacement for two glazed panels**.

• CERTILIGHT may be delivered **on an upstand** for **conventional installation on a roof** (dome type).

- CERTILIGHT is available in three versions:
 - **Glazed version in glazing bar**
 - Version on conventional upstand, **glazed or thermally insulated**
 - **Soundproofed** version, alone or on upstand

PERFORMANCE

- Impact resistance: 1200 Joules (*with grille*)
- Air/Water/Wind classification - $A_4 E_{9A} V_{C3}$
- Reliability class: Re 1000 (+ 10,000)
Dual function permitted
- Air flow performance: C_v 0.24 to 0.65
depending on dimensions and options
- Static wind resistance: $W_L = 1500$ Pa
- Low temperature: $T(-15)$ $T(00)$
- Temperature elevation: $B=300$ °C
- Reaction to fire: dependent on infill
- Snow load class: SL0, SL250, SL500 and SL1000
- U_w : 0.39 to 0.68 $W/m^2.K$ with opaque thermal complexes
 U_w **min.:** 1.14 $W/m^2.K$ for glazed products
(*depending on U_g of infill*)

DIMENSIONS

- Glass roof (overall dimensions per leaf):
Overall width, near hinges:
950 to 2530 mm
Overall height, on side opposite hinges:
700 to 1600 mm (*min. = 800 mm with folding wind barriers*)
- On upstand (upstand opening):
Opening width: 1 219 to 3019 mm
Opening height: 769 to 2349 mm

TYPES OF CONTROL

- Electric O/C (*Opening / Closing*) 24 Vcc
- Pneumatic O/C
- Pneumatic with positive safety (*opens when pressure is absent*)

CERTILIGHT

ROOF NSHEV

Library (Saint-Genis Laval)
© Playtime - Agence d'architecture



INFILL

- **Alveolar polycarbonate:** 10 mm to 32 mm (*clear, pearly or bronze*)
- **Insulated glazing:** conventional, with reinforced insulation, sun control, acoustic, etc.
- **Opaque thermal insulation** complex: insulated plates (*two 15/10° aluminium plates + 30 mm EPS*)
- **Acoustic opaque insulating** complex: SOUCHIER soundproofed complexes (*Rw 34 to 51 dB*)
- Thickness: **glazed version:** 6 to 42 mm
opaque version: 23 to 95 mm

PROFILLS

- Thermal barrier aluminium frames (*opening and fixed frames*)
- Adaptation for glazing bar
- Adaptation on upstand

OPTIONS

- **Rigid CE wind barriers** (*for a more efficient air flow coefficient of the vent*)
- **Folding wind barriers** (*concealed when the vent is closed*)
- Upstand with insulation with bitumen film surface (*for fitting on multi-layer roofing*)
- Soundproofing upstand with bitumen film surface
- Insulated lined capping booster (*for fitting on existing upstand*)
- Safety and standby position contacts (*safety option*)
- Thermal release mechanism (70, 100, 140 and 180 °C) (*depending on installation*)
- Rebate compensator
- Cover adaptation for glass roof

CERTILIGHT

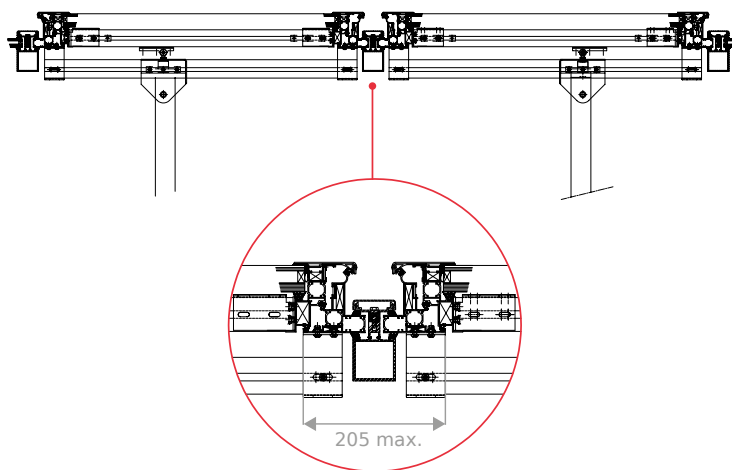
ROOF NSHEV

FITTING TYPE

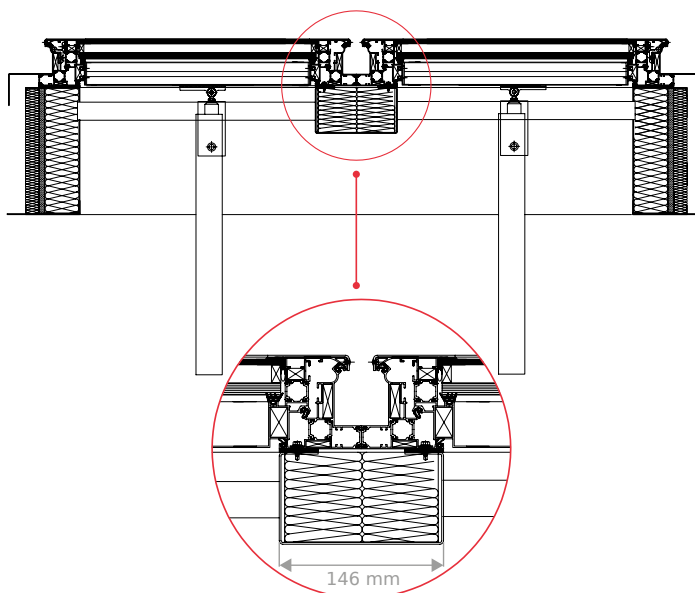
CERTILIGHT is a smoke control and ventilation vent made up of two independent frames installed side by side:

- **Single pitch:** the two leaves face each other
- Installation angle from 5° to 60°
(in relation to the horizontal)
- **Dual pitch:** one leaf on each slope with maximum distance $60 \leq X \leq 300$ mm (installation on the ridge from 15° slope (up to 45°))
- Cover in glass roof (rebate cover: 22 mm)
- Installation on multi-layer roofing (with optional upstand with insulation with bitumen film surface)
- Installation on existing upstand (with insulated lined capping booster)
- Flat installation possible (depending on infill).

CERTILIGHT on glass roof



Soundproofed CERTILIGHT on upstand



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CERTICIEL

LEAF VENTILATOR

CONCEALED MECHANISMS

KEY FEATURES

CERTICIEL is a roof vent that is made up of **2 leaves** that open opposite each other. It is a solution for **smoke control** and **daily ventilation**, and also enables **overhead lighting**. With its **concealed power system** (incorporated into the profile), CERTICIEL can adapt to **all types of architecture**.



*Certiciel
glazed version*



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FEATURES

- Solution for **smoke control**, **daily ventilation** and **overhead lighting**
- Fitted on the **roof** (on upstand) or on **glass roof** (on the slope or the ridge)
- **The electric or pneumatic controls are concealed** when the frame is closed
- Versions: **glazed** or **opaque / insulated**
- With or without **wind barriers** (fixed or removable)
- Anodised / RAL painted finish



*Carrefour shopping centre
(Quétigny)*



La Commanderie - Dole
© Architect X



IUFM - Strasbourg
© Architect X

CERTICIEL

ROOF NSHEV

DESCRIPTION

• **CERTICIEL** is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF-DENFC** marking.

• If installed on a **glass roof** or an **atrium**, CERTICIEL is installed **as a replacement for two glazed panels**.

• CERTICIEL may be delivered **on an upstand** for **conventional installation on a roof** (dome type).

- CERTICIEL is available in two versions:
 - **Glazed version in glazing bar**
 - Version on conventional upstand, **glazed or thermally insulated**

PERFORMANCE

- Impact resistance: 1200 Joules (*with grille*)
- Reliability class:
 - Re 1000 (+ 10000) for pneumatic
 - Re 1000 for electric
- Air flow performance: Cv 0.28 to 0.68 *depending on dimensions and options*
- Static wind resistance: WL = 1500 Pa
- Low temperature: T(-15) T(00)
- Temperature elevation: B=300 °C
- Reaction to fire: dependent on infill
- Snow load class: *please enquire*
- Uw: 0.39 to 0.67 W/m².K with opaque thermal complexes
Uw: 1.14 to 5.7 W/m².K for glazed products *(depending on Ug of infill)*

DIMENSIONS

- Glass roof (overall dimensions per leaf):
 - Overall width:** 700 to 1600 mm
 - Overall height:** 950 to 2530 mm
- On upstand (upstand opening):
 - Opening width:** 1140 to 2940 mm
 - Opening height:** 690 to 2270 mm
- Technical approval by SOUCHIER depending on configuration.

TYPES OF CONTROL

- Electric O/C (*Opening / Closing*) 24 Vcc and positive safety
- Pneumatic O/C
- Pneumatic with positive safety (*opens when pressure is absent*)

CERTICIEL

ROOF NSHEV

Charles de Gaulle airport
© Architect X



INFILL

- **Alveolar polycarbonate:** 10 mm to 25 mm (*clear, pearly or bronze*)
- **Insulated glazing:** conventional, with reinforced insulation, sun control, acoustic, etc.
- **Opaque thermal insulation complex:** insulated plates (*two 15/10° aluminium plates + 20 mm EPS*)
- Thickness: **glazed version:** 6 to 25 mm
opaque version: 23 to 80 mm

PROFILES

- Thermal barrier aluminium frame (*fixed frame*)
- Adaptation for glazing bar
- Adaptation on upstand

OPTIONS

- **Rigid CE wind barriers** (*for a more efficient air flow coefficient of the vent*)
- **Folding wind barriers** (*concealed from the outside when the vent is closed*)
- Upstand with insulation with bitumen film surface (*for fitting on multi-layer roofing*)
- Soundproofing upstand with bitumen film surface
- Insulated lined capping booster (*for fitting on existing upstand*)
- Safety and standby position contacts (*safety option*)
- Thermal release mechanism (70, 100, 140 and 180 °C) (*depending on installation*)

CERTICIEL

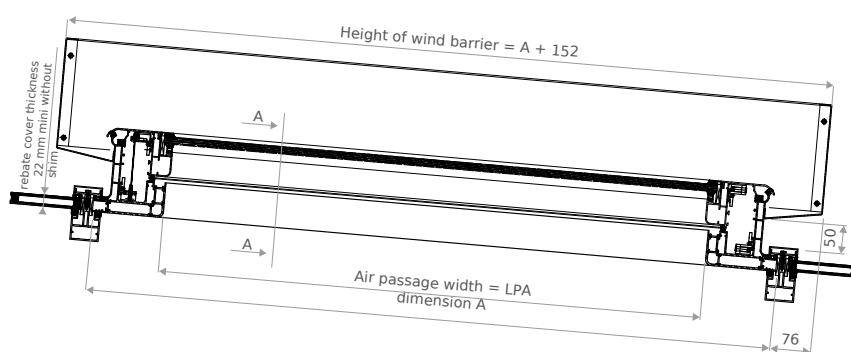
ROOF NSHEV

FITTING TYPE

CERTICIEL is a smoke control and ventilation vent made up of two independent frames installed side by side:

- **Single pitch:** the two leaves face each other
- Installation angle from 5° to 60°
(in relation to the horizontal)
- **Dual pitch:** one leaf on each slope with maximum distance $60 \leq X \leq 300$ mm (installation on the ridge from 15° slope (up to 45°))
- Cover in glass roof (rebate cover: 25 mm)
- Installation on multi-layer roofing (with optional upstand with insulation with bitumen film surface)
- Installation on existing upstand (with insulated lined capping booster)
- Flat installation possible (depending on infill)

CERTICIEL on glass roof WITH WIND BARRIER



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CERTILAM T

LOUVRE VENTILATOR

KEY FEATURES

CERTILAM T is a roof ventilator with turning louvres, and is an ideal **solution for ventilation** and **natural smoke control**.

Its **many frame profiles** allow CERTILAM T to adapt to **all types of configuration**.



CERTILAM T open
Swimming pool of Saint-Paul-Trois-Châteaux

FEATURES

- **Wide dimensional range**
- **Many frame profiles** that can adapt to all types of configuration
- Manufactured **to measure**
- Rigid **CE wind barriers**
- Electric, pneumatic or mechanical **opening / closing**
- Versions: **standard ou soundproofed or thermally insulated** aluminium louvres
- Anodised / RAL painted finish



Escola Emidio Garcia - Braganca (Portugal)
© Architect X

CERTILAM T

ROOF NSHEV

DESCRIPTION

• **CERTILAM T** is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF-DENFC** marking.

PERFORMANCE

- **Reliability class:**
 - Re 1000 (+ 10,000) *electric, electric with positive safety and pneumatic*
 - Re 1000 *electric with positive safety, rotating positive safety, single tube with return spring and pneumatic with positive safety*
 - Re 300 (+ 10,000) *mechanical*
- **Air flow performance:** Cv 0.55 to 0.67 depending on dimensions and options (wind barrier, upstand)
- **Static wind resistance:** WL = 1500 Pa
- **Low temperature:**
 - T(-15) T(00) *electric*
 - T(-25) T(00) *pneumatic and mechanical*
 - T(-25) *mechanical*
- **Temperature elevation:** B=300 °
- **Reaction to fire:** *dependent on infill*
- **Snow load class:** SL0, SL250 and SL500
- Ug: 1.54 W/m².K for insulated louvres

DIMENSIONS *(made to measure)*

- **Opening width per frame:** 500 to 2400 mm
- **Opening height per frame:** 406 to 3554 mm
- **Av** (formerly GA - geometrical area):
min. 0.2 m²; max. 7 m²

TYPES OF CONTROL *(O/C)*

- **Electric:**
24 Vcc, positive safety and rotating positive safety
- **Pneumatic:**
single tube with return spring and positive safety
- **Mechanical**

CERTILAM T

ROOF NSHEV

Regional Council (Lille)



INFILL

- Aluminium louvre (*anodised, plain or RAL painted version*)
- Optional soundproofing or thermal insulation in PVC housing
- Soundproofing: Rw 18 dB

PROFILES

- Perimeter frames in extruded aluminium for adaptation to any building structure
- Several profiles are available, depending on adaptation to existing construction (*see following page*)

OPTIONS

- Upstand with insulation with bitumen film surface (*for fitting on multi-layer roofing*)
- Standard upstand without insulation
- Capping booster without insulation
- Insulated lined capping booster (*for fitting on existing upstand*)
- Safety and standby position switches (*safety option*)
- Thermal release mechanism (70, 100, 140 and 180 °C) (*depending on installation*)

FITTING TYPE

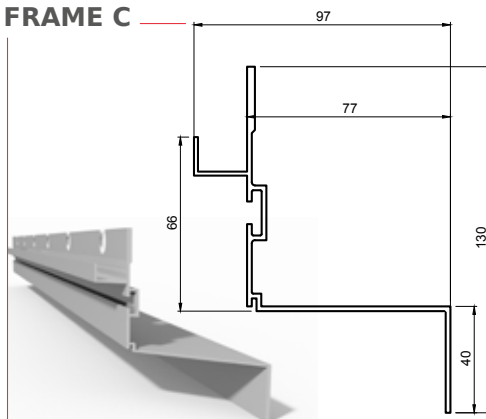
- Fitted on the roof on an upstand or a base
- Installation angle (*to be specified with the quote*) 0° to 60° in relation to the horizontal
- Fitting direction:
 - 5 to 20° slope: articulation of louvres in the direction of the slope
 - Slope above 20°: louvre articulations horizontal
 - 0 to 5°: addition of a central channel

CERTILAM T

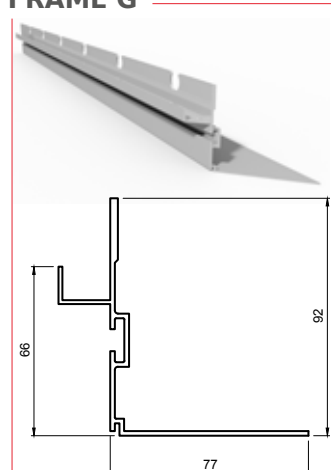
ROOF NSHEV

FRAME PROFILES

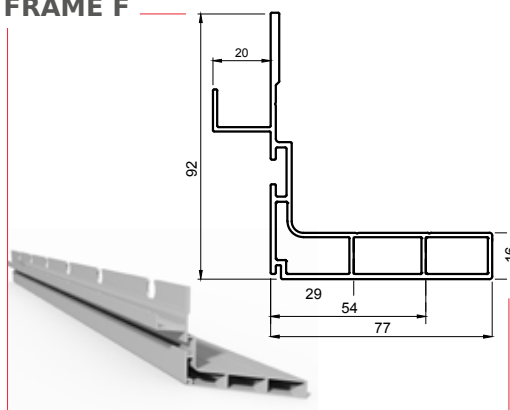
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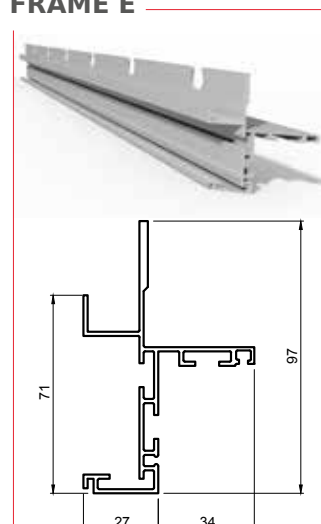
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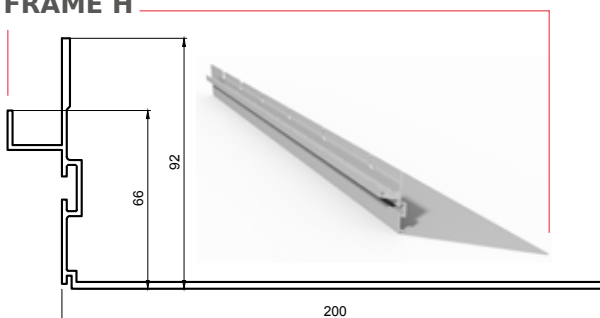
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FRAME E



FRAME H



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CERTILUX T

LOUVRE VENTILATOR

KEY FEATURES

CERTILUX T is a ventilator with transparent turning louvres that is an ideal **solution for ventilation, natural smoke control and overhead lighting.**

Its **many frame profiles** allow CERTILUX T to adapt to **all types of configuration.**



CERTILUX T

FEATURES

- **Wide dimensional range**
- **Many frame profiles** that can adapt to all types of configuration
- Manufactured **to measure**
- Rigid **CE wind barriers**
- **Glass or polycarbonate** louvres
- Anodised / RAL painted finish



Carré Sénart shopping centre



France Telecom

CERTILUX T

ROOF NSHEV

DESCRIPTION

- **CERTILUX T** is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF-DENFC** marking.

PERFORMANCE

- **Impact resistance:** 1200 Joules (*glass only*)
- **Reliability class:**
 - Re 1000 (+ 10,000) *electric, electric with positive safety and pneumatic*
 - Re 1000 *electric with positive safety, rotating positive safety, single tube with return spring and pneumatic with positive safety*
 - Re 300 (+ 10,000) *mechanical*
- **Air flow performance:** Cv 0.55 to 0.67 *depending on dimensions and options (wind barrier, upstand)*
- **Static wind resistance:** WL = 1500 Pa
- **Low temperature:**
 - T(-15) T(00) *electric*
 - T(-25) T(00) *pneumatic and mechanical*
 - T(-25) *mechanical*
- **Temperature elevation:** B=300 °
- **Reaction to fire:** *dependent on infill*
- **Snow lead class:** SL0, SL250 and
- Ug: 3.30 to 2.59 W/m².K for polycarbonate
Ug: 6.67 to 6.52 W/m².K for glazed products

DIMENSIONS (*made to measure*)

- **Opening width per frame:** 500 to 2 000 mm
- **Opening height per frame :** 543 to 3 513 mm
- **Av** (*formerly GA - geometrical area*):
min. 0.27 m²; max. 7 m² (*for Re 1000*)

TYPES OF CONTROL (*O/C*)

- **Electric:**
24 Vcc, positive safety and rotating positive safety
- **Pneumatic:**
single tube with return spring and positive safety
- **Mechanical**

CERTILUX T

ROOF NSHEV

CERTILUX T
ESTORIL SOL (Portugal)



INFILL

- Alveolar polycarbonate, thickness = 10 mm (*clear or pearly*)
- Glazing: Stadip glass, thickness = 10 mm

PROFILES

- Perimeter frames in extruded aluminium for adaptation to any building structure
- Several profiles are available, depending on adaptation to existing construction (*see following page*)

OPTIONS

- Upright with insulation with bitumen film surface (*for fitting on multi-layer roofing*)
- Soundproofing upright with insulation with bitumen film surface
- Capping booster without insulation
- Insulated lined capping booster (*for fitting on existing upright*)
- Safety and standby position switches (*safety option*)
- Thermal release mechanism (70, 100, 140 and 180 °C) (*depending on installation*)

FITTING TYPE

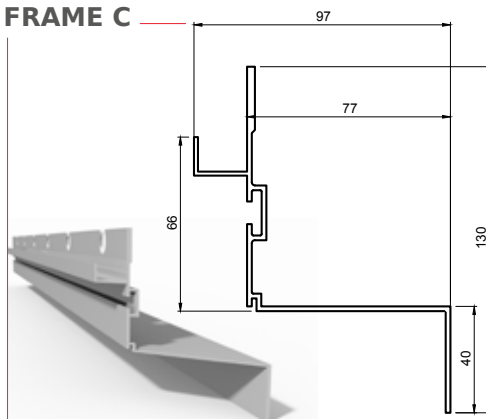
- Fitted on the roof on an upright or a base
- Fitted on glass roofs or sheds on all profiles
- Installation angle (*to be specified with the quote*):
 - For **alveolar polycarbonate**: 5° to 60° in relation to the horizontal
 - For **glass**: 0° to 60° in relation to the horizontal
- Fitting direction:
 - 5 to 20° slope: articulation of louvers in the direction of the slope
 - Slope above 20°: louver articulations horizontal
 - 0 to 5°: addition of a central channel

CERTILUX T

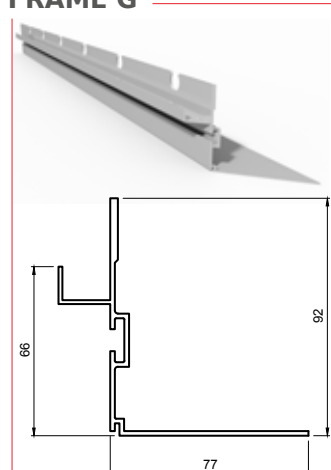
ROOF NSHEV

FRAME PROFILES

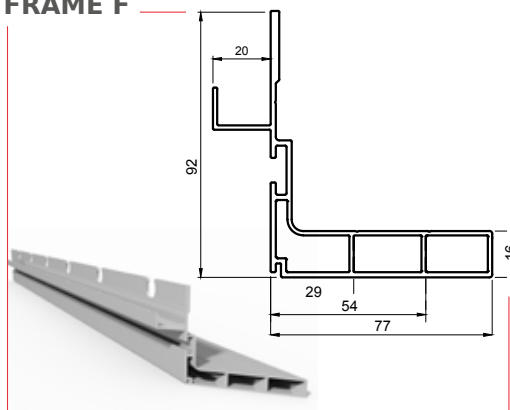
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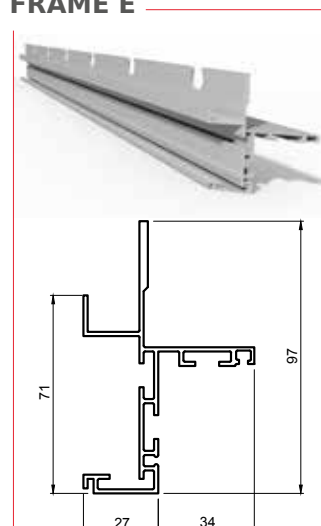
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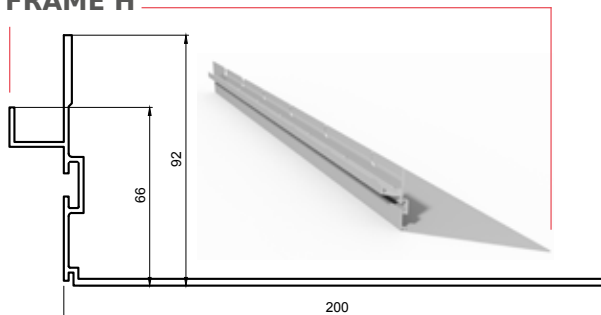
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FRAME E



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LUXLAME T

LOUVRE VENTILATOR

CONCEALED POWER SYSTEMS

KEY FEATURES

LUXLAME T is a **smoke control and ventilation** device with **turning louvres**, which can be incorporated into all types of roof. Its glass louvres ventilate the building effectively thanks to **rapid opening with no risk of damage** because they do not give purchase to the wind.

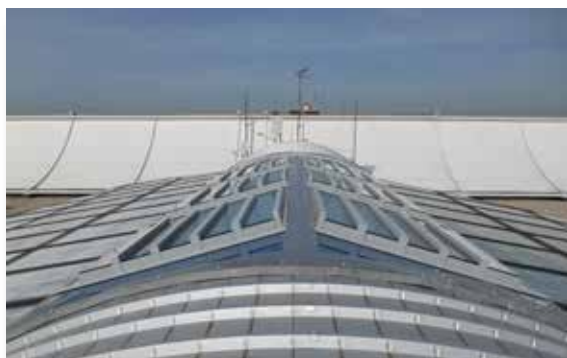
The vent is carefully designed, with **encased controls**. A large range of dimensions allows **easy integration into glass roofs** without changing the glazing lines.



FEATURES

- Made to measure / **Wide range of dimensions**
- **No variable louvre**
- Thermal barrier profile
- Fitted on the **roof** (*on upstand*) or on a **glass roof**
- Versions: **double glazed / insulating opaque panels**
- **Front wind barrier**, folding or concealed





Town hall in Meyzieu
© Architect X

LUXLAME T

ROOF NSHEV

DESCRIPTION

- **LUXLAME T** in a **NSHEV** (*natural smoke and heat exhaust ventilator*) with **CE - NF EN 12101-2** certification and **NF-DENFC** marking.

- Attractive and efficient with its turning louvres, it enables project owners and designers to combine **smoke control and natural ventilation** (VNI®).

PERFORMANCES

- Reliability class: Re 1000 (+ 10,000)
Dual function permitted
- Air flow performance:
Cv 0.32 to 0.57 with folding wind barrier
Cv 0.46 to 0.6 with concealed wind barrier
- Static wind resistance: WL = 1500 Pa
- Low temperature: T(-15) with electric
T(-25) with pneumatic
- Temperature elevation: B=300 °C
- Reaction to fire: dependent on infill
- Snow load class: SL0, SL250, SL500, SL750 and SL1000
- Ug: 1,14 W/m².K
- Urc: 3,14 W/m².K

DIMENSIONS

- ELECTRIC CONTROL:
 - **Opening width** per frame:
min.: 500 mm, max.: 2000 mm
 - **Opening height** per frame:
min.: 820 mm, max.: 3000 mm
 - **Av** (formerly GA): 0.41 to 6 m²
- PNEUMATIC CONTROL:
 - **Opening width** per frame:
min.: 500 mm, max.: 2000 mm
 - **Opening height** per frame:
min.: 701 mm, max.: 3000 mm
 - **Av** (formerly GA): 0.35 to 6 m²
- Louvre pitch: 250 to 400 mm (*depending on opening*)

LUXLAME T

ROOF NSHEV

Town hall in Meyzieu
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TYPES OF CONTROL

- Electric
- Pneumatic

INFILL

≤ 60 kg/m²

- **Double glazing**, 26 to 60 mm thick
(please enquire for other thicknesses)

PROFILES

- Thermal barrier frame (*fixed frame*)
- Perimeter frames in extruded aluminium
- Adaptation for glazing bar
- Adaptation on upstand

OPTIONS

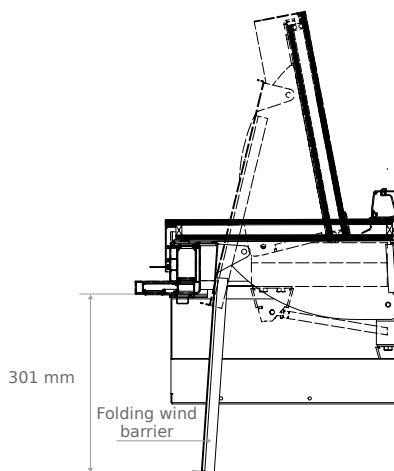
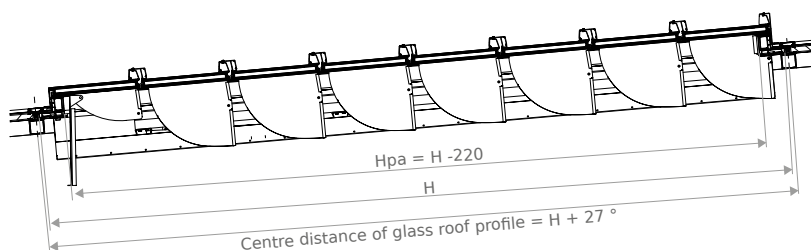
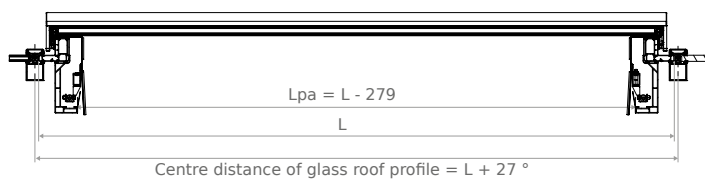
- Safety position contacts
- Thermal release mechanism with eutectic alloy, category 1 and 2 (70, 103, 138 and 182 °C)
IMPORTANT! must be appropriate for application
- Straight or oblique upstand, thermal or sound
- Finishing casing

LUXLAME T

ROOF NSHEV

FITTING TYPE

- Fitted on the roof on an upstand or base
- Installation angle from 0 to 60 °
(in relation to the horizontal)
- The louvres must be perpendicular to the slope



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VENTIBAIE

LEAF VENTILATOR

CONCEALED MECHANISMS

KEY FEATURES

VENTIBAIE is a **single-leaf** roof vent designed for natural smoke control and ventilation.

Thanks to its **concealed power system**, which is incorporated into the profile, **VENTIBAIE** can adapt to **all types of architecture**.



La Souvenance retirement
Le Mans

VENTIBAIE is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF - DENFC** marking.



VENTIBAIE (view from below)
La Souvenance retirement - Le Mans

FEATURES

- Solution for **natural smoke control** and **ventilation**.
- Fitted on the **roof** (on upstand) or on **glass roof**.
- Versions: **glazed** or **opaque / insulated / HM** (Historical Monuments).
- **Wind barrier required** for installation on the ridge.
- **May be installed without wind barrier** with articulation at the bottom of the slope.



VENTIBAIE HM - Chamerolles castle (Chilleurs aux Bois)

FITTING TYPE

- Fitting on the roof
- Hinge **on the side**: opening angle 87°, fitting angle 5 to 60° in relation to the horizontal.
- Hinge **at the bottom of the slope**: opening angle 90° in relation to the horizontal, fitting angle 30 to 60° in relation to the horizontal.

VENTIBAIE

ROOF NSHEV

PERFORMANCE

- Reliability class: Re 1000 (+ 10,000) for pneumatic
Re 1000 for electric
Dual function permitted
- Air flow performance: Cv 0.23 to 0.5
- Static wind resistance: WL = 1 500 Pa
- Snow load class: SL700 max. *depending on configuration*

DIMENSIONS

- Overall **width**: **min.:** 950 mm, **max.:** 2200 mm
- Overall **height**: **min.:** 800 mm, **max.:** 1600 mm

Approval of dimensions in smoke control mode: please enquire

TYPES OF CONTROL

- Opening / closing: electric 24 Vcc, pneumatic and pneumatic with positive safety

INFILL

- Glazed or opaque, soundproofed or thermally insulated
- Alveolar polycarbonate or glass: 6 mm to 25 mm
(**max. 40 kg/m²**)

PROFILES

- Fixed frame:
thermal barrier aluminium frames
- Adaptation for glazing bar
- Adaptation for upstand

OPTIONS

- Finish in all RAL colours and anodised



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VENTILIGHT

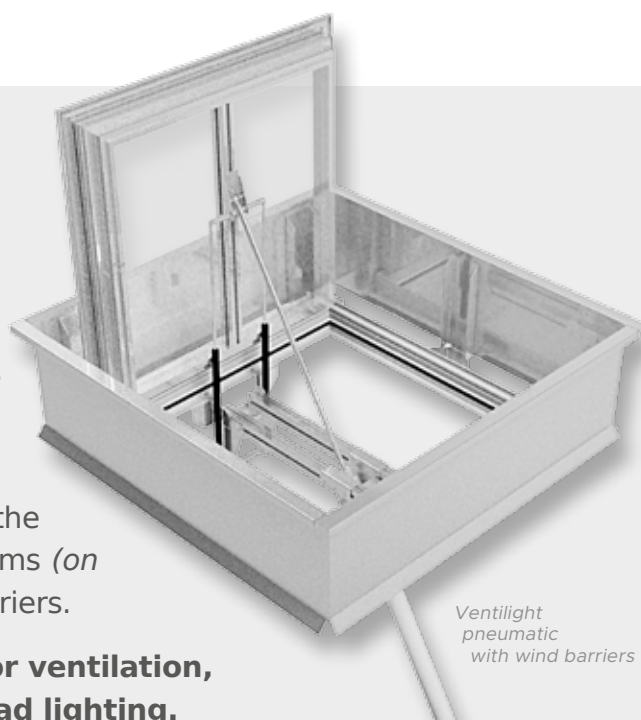
LEAF VENTILATOR

**WIDE CHOICE
OF GLAZING**

KEY FEATURES

VENTILIGHT is a **single leaf** roof vent that opens in the direction of the slope or at the bottom of the slope near the ridge. It has visible mechanisms (*on cross members*) and wind barriers.

VENTILIGHT is a **solution for ventilation, smoke control and overhead lighting**.



*Ventilight
pneumatic
with wind barriers*



VENTILIGHT is a **NSHEV** (natural smoke and heat exhaust ventilator) with **CE - NF EN 12101-2** certification and **NF - DENFC** marking.



*Ventilight at the
bottom of the slope
pneumatic*

FEATURES

- **Two types of opening:** hinges on the side or at the bottom of the slope.
- Fitted on the **roof** (*on upstand*) or a **glass roof**.
- Versions: **glazed** or **opaque** / with **soundproofing** or **thermal insulation** / **HM** (Historical Monuments).
- **Available without wind barriers** with articulation at the bottom of the slope (see *opposite*).



© Architect X

Hôtel Penafiel

FITTING TYPE

- Fitting on the roof
- Hinge **on the side**: opening angle 87°, fitting angle 5 to 60° in relation to the horizontal.
- Hinge **at the bottom of the slope**: opening angle 90° in relation to the horizontal, fitting angle 30 to 60° in relation to the horizontal.
 - Fitting angle <45°:
max. ridge distance = 500 mm
 - Fitting angle 45° to 60°:
max. ridge distance = 300 mm

VENTILIGHT ROOF NSHEV

PERFORMANCE

- Reliability class: Re 1000 (+ 10,000), dual function permitted
- Air/Water/Wind classification - $A_4E_{7A}V_{C3}$
- Air flow performance: Cv 0.23 to 0.5
- Static wind resistance: WL = 1500 Pa
- Snow load class: SL0, SL150, SL250, SL300, SL500, SL1000 (*technical approval by Souchier depending on configuration*)

DIMENSIONS

- **Overall width**, near hinges:
Min.: 850 mm, **Max.:** 2200 mm
- **Overall height**, on side opposite hinges:
Min.: 700 mm, **Max.:** 1600 mm

TYPES OF CONTROL

- Opening / closing: electric 24 Vcc / Pneumatic

INFILL

- Alveolar polycarbonate: 6 mm to 36 mm
- Glazed (*max. thickness: 36 mm / Ug min. = 1.1 W/m².K*) or opaque, soundproofed or thermally insulated

PROFILES

- Thermal barrier aluminium frames (*opening and fixed frame*)
- Adaptation for glazing bar
- Adaptation on upstand

OPTIONS

- Finish in all RAL colours and anodised
- Fall-prevention grille
- Position contacts
- Thermal release mechanism



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