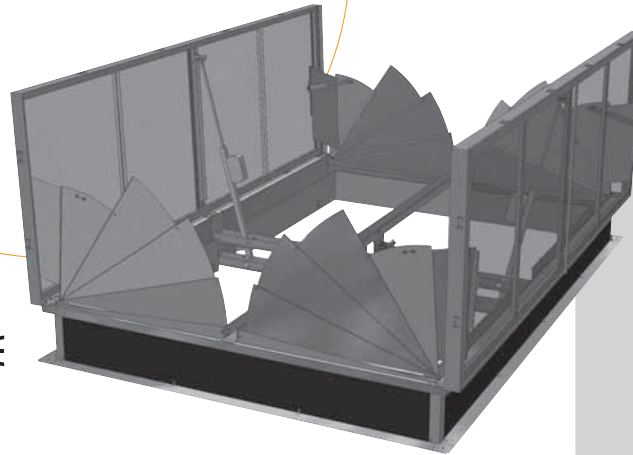


Waterproofed
roof

Hexasteel DoE Eventail

Smoke vents range



NSHEV Double Flaps (Electric)
CE - This smoke vent meets the
European regulation EN 12101-2
in force.



Hexasteel DoE Eventail (two opening flaps) is designed for waterproofed roof, and can be controlled by thermofuse and/or electric control box.

This smoke vent is available in 2 levels of aerodynamic performances (STANDARD and PLUS).

This smoke vent is a real innovation. With its foldable windshields, the DoE Eventail can reach a high level of aerodynamic performances, while preserving the aesthetic aspect of the building.

Dimensions

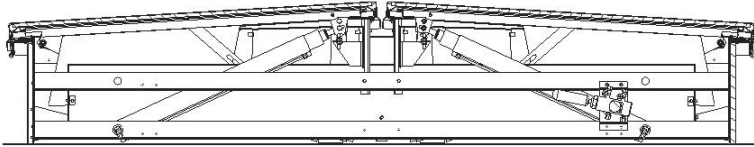
Performances

Characteristics

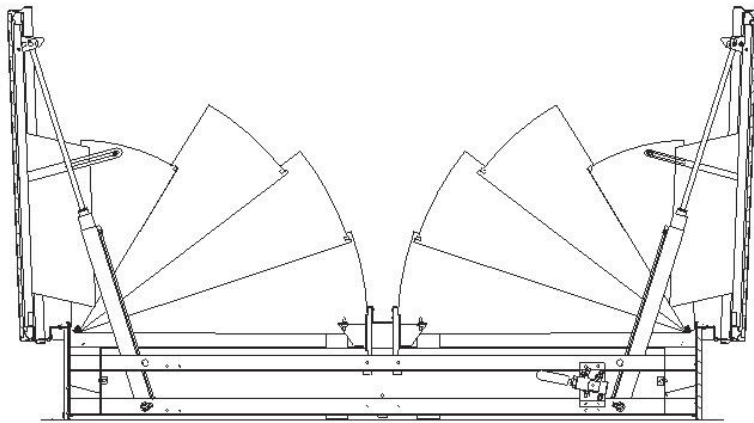
| Inner dimensions Length x Width in cm | Geometrical Area (Av) in m ² | Ranges | | Nb of pistons | Filling with PCA 10-16 | | | | Filling with insulated aluminium cover | | | |
|---|---|----------|-------|---------------------|-------------------------|-------------------------|---------|--------|--|--------|---------|--------|
| | | Standard | Plus | | Electric drive | | | | Electric drive | | | |
| | | | | | Aa in m ² | Aa in m ² | Voltage | SL 125 | SL 250 | SL 550 | Tension | SL 125 |
| | | U (V) | I (A) | | I (A) | I (A) | U (V) | I (A) | I (A) | I (A) | | |
| 120 x 200 | 2,40 | 1,68 | 1,80 | 2 | 24 | 2,8 | 2,8 | 4,4 | 24 | 2,8 | 2,8 | 4,4 |
| 120 x 250 | 3,00 | 2,07 | 2,25 | 2 | 24 | 2,8 | 2,8 | 4,4 | 24 | 2,8 | 2,8 | 4,4 |
| 120 x 300 | 3,60 | 2,48 | 2,70 | 2 | 24 | 2,8 | 4,4 | 4,4 | 24 | 2,8 | 4,4 | - |
| 140 x 200 | 2,80 | 1,93 | 2,10 | 2 | 24 | 2,8 | 4,4 | 4,4 | 24 | 2,8 | 4,4 | 4,4 |
| 140 x 250 | 3,50 | 2,38 | 2,63 | 2 | 24 | 2,8 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 140 x 300 | 4,20 | 2,86 | 3,15 | 2 | 24 | 2,8 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 160 x 160 | 2,56 | 1,79 | 1,92 | 2 | 24 | 2,8 | 4,4 | 4,4 | 24 | 2,8 | 4,4 | - |
| 160 x 200 | 3,20 | 2,21 | 2,40 | 2 | 24 | 2,8 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 160 x 250 | 4,00 | 2,72 | 3,00 | 2 | 24 | 2,8 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 160 x 300 | 4,80 | 3,26 | 3,61 | 2 | 24 | 4,4 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 180 x 180 | 3,24 | 2,20 | 2,43 | 2 | 24 | 3,2 | 4,4 | - | 24 | 3,2 | 4,4 | - |
| 180 x 200 | 3,60 | 2,45 | 2,70 | 2 | 24 | 3,2 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 180 x 250 | 4,50 | 3,06 | 3,39 | 2 | 24 | 3,2 | 4,4 | - | 24 | 4,4 | - | - |
| 180 x 300 | 5,40 | 3,67 | 4,09 | 2 | 24 | 3,2 | 4,4 | - | 24 | 4,4 | - | - |
| 200 x 200 | 4,00 | 2,72 | 3,00 | 2 | 24 | 4,4 | 4,4 | - | 24 | 4,4 | 4,4 | - |
| 200 x 300 | 6,00 | 4,08 | 4,56 | 2 | 24 | 4,4 | - | - | 24 | 4,4 | - | - |

Hexasteel DoE Eventail

Smoke vents range



Hexasteel DoE Eventail in waiting position



Hexasteel DoE Eventail in safety position - Opening 90°

COMPONENTS:

- A metallic upstand 30, 40 or 50 cm high, which can be equipped with an insulation board 15 mm ($U_f = 2.5 \text{ W/m}^2 \text{ K}$) or 30 mm ($U_f = 1.5 \text{ W/m}^2 \text{ K}$). The surface of the insulation can be bitumen or PVC coated for a direct weld with the waterproofing membrane.
- Two aluminium frames which protect the periphery of dome or PCA.
- A thermofuse pre-installed in the factory (in option).
- Two opening flaps controlled by thermofuse and/or electric control box. The opening power is given by a 24V drive integrated in the whole system.
- Aerodynamic devices type Eventail in galvanized steel, integrated to the complete system (installed on the smoke vent in our premises).

FILLING:

- Our standard:
 - PCA 10 mm 4 skins
- In option:
 - PCA 16 mm 7 skins
 - Insulated aluminium cover

For additional details, see the rubric of the options.

| | |
|------------------------|---|
| Working | Type B opening + closing |
| Cycles | Re 10,000 (daily ventilation) + Re 1,000 (smoke extraction) |
| Snow load | SL 250 or SL 550 |
| Low temperature | T (-15°) |
| Wind load | WL 1 500 Pa |
| Resistance to heat | B 300 °C |
| Fire resistance rating | PCA 10/16 = B-s1,d0, Aluminium Cover = A1 |