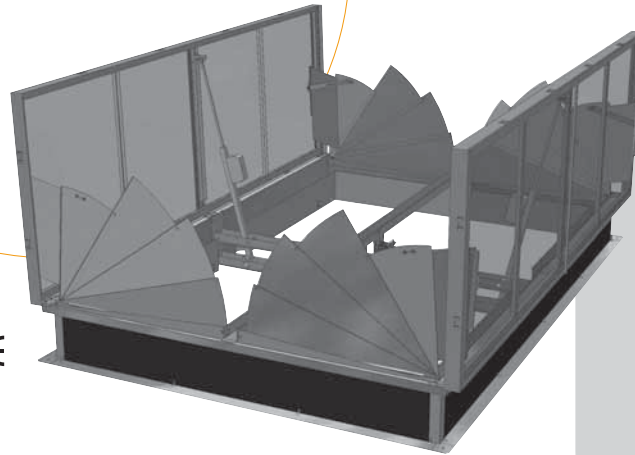


Waterproofed
roof

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

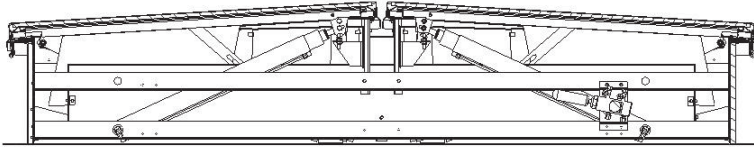
Performances

Characteristics

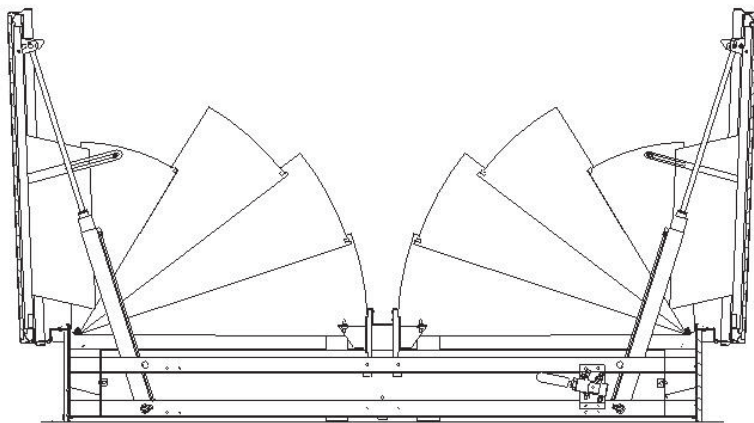
Inner dimensions Length x Width in cm	Geometrical Area (Av) in m ²	Ranges		Nb of pistons	Filling with PCA 10-16				Filling with insulated aluminium cover			
		Standard	Plus		Electric drive				Electric drive			
					Aa in m ²	Aa in m ²	Voltage	SL 125	SL 250	SL 550	Tension	SL 125
		U (V)	I (A)		I (A)	I (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