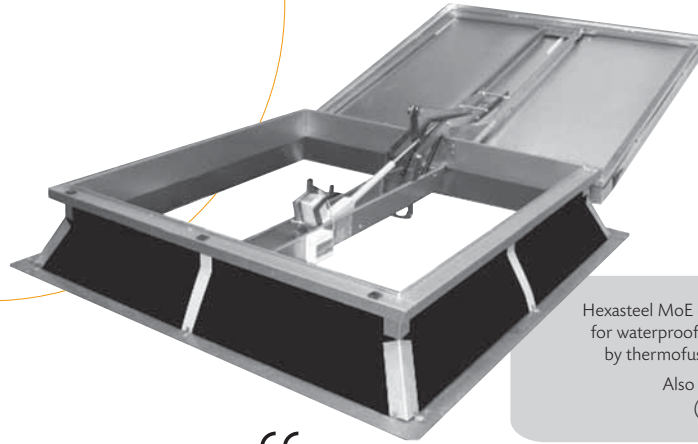


Waterproofed
roof

Hexasteel MoE

Smoke vents range



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

Hexasteel MoE (one opening flap) is designed for waterproofed roof, and can be controlled by thermofuse and/or electric control box.

Also available with oblique upstand (for a better geometrical area).

CE

Dimensions

Performances

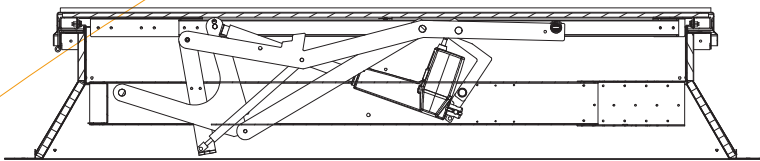
Characteristics

Dimension Top of upstand DT in m	Dimension Bottom of upstand DB in m	Geometrical Area (Av) in m ²	Aerodynamic performances			Height spoilers Standard-Plus	Filling PCA 10-16				Filling Double and Simple Dome - Aluminium cover			
			Eco	Standard	Plus		Amperage (A) according to the snow load				Amperage (A) according to the snow load			
			Aa (SUO) in m ²	Aa (SUO) in m ²	Aa (SUO) in m ²		25 daN/m ²		50 daN/m ²		25 daN/m ²		50 daN/m ²	
C 100 straight	1,00 x 1,00	1,00	0,50	0,69	0,74	100	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
100 x 140 straight	1,00 x 1,40	1,40	0,70	0,93	1,04	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
100 x 180 straight	1,00 x 1,50	1,50	0,75	0,99	1,11	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
100 x 200 straight	1,00 x 2,00	2,00	1,00	1,30	1,48	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
C 120 straight	1,20 x 1,20	1,44	0,72	0,96	1,07	100	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
120 x 160 straight	1,20 x 1,60	1,92	0,96	1,25	1,42	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
120 x 180 straight	1,20 x 1,80	2,16	1,08	1,42	1,60	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
120 x 200 straight	1,20 x 2,00	2,40	1,20	1,58	1,78	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
120 x 250 straight	1,20 x 2,50	3,00	1,35	1,92	2,07	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
C 130 straight	1,30 x 1,30	1,69	0,85	1,10	1,25	300	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
C 140 straight	1,40 x 1,40	1,96	0,98	1,28	1,45	300	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
140 x 200 oblique	1,40 x 2,00	2,80	1,40	1,85	2,02	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,00 x 1,00 oblique	1,20 x 1,20	1,44	0,72	0,79	-	100	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
1,00 x 1,40 oblique	1,20 x 1,60	1,92	0,96	1,14	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,00 x 1,50 oblique	1,20 x 1,70	2,04	1,02	1,22	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,00 x 2,00 oblique	1,20 x 2,20	2,64	1,32	1,64	-	300	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
1,20 x 1,20 oblique	1,40 x 1,40	1,96	0,98	1,13	-	100	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
1,20 x 1,60 oblique	1,40 x 1,80	2,52	1,26	1,56	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,20 x 1,80 oblique	1,40 x 2,00	2,80	1,40	1,74	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,20 x 2,00 oblique	1,40 x 2,20	3,08	1,51	1,91	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			
1,30 x 1,30 oblique	1,50 x 1,50	2,25	1,13	1,32	-	300	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
1,40 x 1,40 oblique	1,60 x 1,60	2,56	1,28	1,53	-	300	4 A	SL 250	4 A	SL 550	4 A	SL 250	4 A	SL 550
1,40 x 2,00 oblique	1,60 x 2,20	3,52	1,62	2,22	-	300	4 A	SL 250	4 A	SL 550	Not available with aluminium cover			

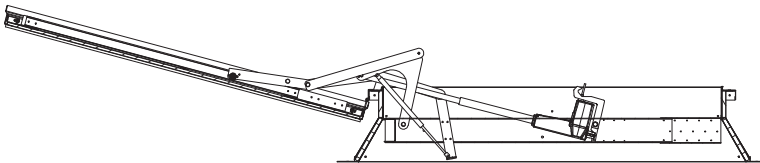
Waterproofed
roof

Hexasteel MoE

Smoke vents range



Hexasteel MoE Eco with oblique upstand in waiting position



Hexasteel MoE Eco with oblique upstand in safety position

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.
- An aluminium frame which protects the periphery of dome or PCA.
- A thermofuse pre-installed in the factory.
- One opening flap controlled by thermofuse and/or electric control box. The opening power is given by a 24V drive integrated in the whole system.

FILLING:

- Our standard:
 - PCA 10 mm 4 skins
- In option:
 - PCA 16 mm 7 skins
 - Double dome in PMMA, polycarbonate or Hexachoc 1200J
 - 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