

Waterproofed
roof

Hexasteel Feu MO

Smoke vents range



NSHEV Single Flap
(Opening only)

CE - This smoke vent meets the
European regulation EN 12101-2
in force.



Hexasteel Feu MO (opening only)
is designed for waterproofed roof,
and can be controlled via a pneumatic or an
electric signal (24VE, 24VR, 48VE or 48VR).

Dimensions

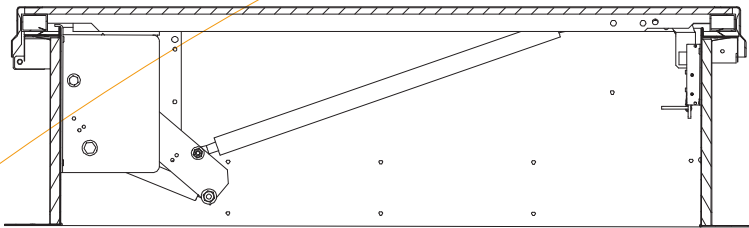
Performances

Characteristics

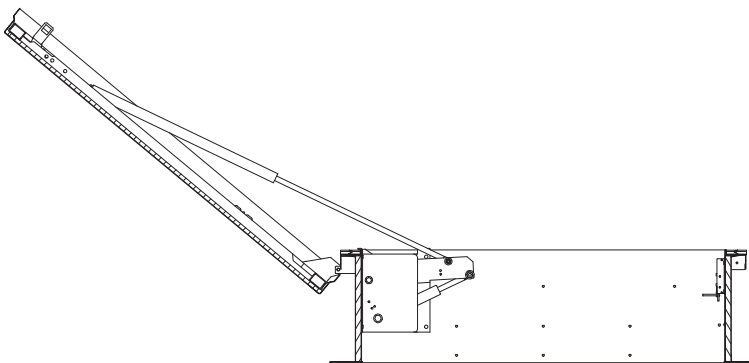
Dimension Top of upstand DT in m	Dimension Bottom of upstand DB in m	Geometrical Area (Av) in m ²	Aerodynamical Area (Aa) in m ²	Filling with PCA 10-16	
				Snow load	Snow load
1,00 x 1,00 straight	1,00 x 1,00	1,00	0,40	SL 125	SL 125
1,00 x 1,40 straight	1,00 x 1,40	1,40	0,56	SL 125	SL 125
1,00 x 1,50 straight	1,00 x 1,50	1,50	0,60	SL 125	SL 125
1,00 x 2,00 straight	1,00 x 2,00	2,00	0,80	SL 125	SL 125
1,20 x 1,20 straight	1,20 x 1,20	1,44	0,58	SL 125	SL 125
1,20 x 1,60 straight	1,20 x 1,60	1,92	0,77	SL 125	SL 125
1,20 x 1,80 straight	1,20 x 1,80	2,16	0,86	SL 125	SL 125
1,20 x 2,00 straight	1,20 x 2,00	2,40	0,96	SL 125	SL 125
1,30 x 1,30 straight	1,30 x 1,30	1,69	0,68	SL 125	SL 125
1,40 x 1,40 straight	1,40 x 1,40	1,96	0,78	SL 125	SL 125
1,50 x 1,50 straight	1,50 x 1,50	2,25	0,90	SL 125	
1,60 x 1,60 straight	1,60 x 1,60	2,56	1,02	SL 125	
1,00 x 1,00 oblique	1,20 x 1,20	1,44	0,58	SL 125	SL 125
1,00 x 1,40 oblique	1,20 x 1,60	1,92	0,77	SL 125	SL 125
1,00 x 1,50 oblique	1,20 x 1,70	2,04	0,82	SL 125	SL 125
1,00 x 2,00 oblique	1,20 x 2,20	2,64	1,06	SL 125	SL 125
1,20 x 1,20 oblique	1,40 x 1,40	1,96	0,78	SL 125	SL 125
1,20 x 1,60 oblique	1,40 x 1,80	2,52	1,01	SL 125	SL 125
1,20 x 1,80 oblique	1,40 x 2,00	2,80	1,12	SL 125	SL 125
1,20 x 2,00 oblique	1,40 x 2,20	3,08	1,23	SL 125	SL 125
1,30 x 1,30 oblique	1,50 x 1,50	2,25	0,90	SL 125	SL 125
1,40 x 1,40 oblique	1,60 x 1,60	2,56	1,02	SL 125	SL 125
1,50 x 1,50 oblique	1,70 x 1,70	2,89	1,16	SL 125	
1,60 x 1,60 oblique	1,80 x 1,80	3,24	1,30	SL 125	

Hexasteel Feu MO

Smoke vents range



Hexafeu MO (with straight upstand) in waiting position



Hexafeu MO (with straight 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 integrated in the bolt.
- A single flap locked by electric or pneumatic bolt and controlled by CO₂ or electric box. The opening power is given by gas springs integrated in the system. The opening function is controlled from the floor by sending a pneumatic (CO₂) or electric signal (24 or 48 V).
- The closing is manually carried out from the roof.

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.

Aerodynamic surface Aa	table above
Triggering Temperature	70 °C, 90 °C, 140 °C and 180 °C
Type of opening	Type A
Reliability	Re 1,000
Snow load	SL 125
Low temperature	T (-15°)
Lateral wind	WL 1 500 Pa
Resistance to heat	B 300 °C
Fire resistance rating	PCA 10/16 = B-s1,d0, Simple and double dome = E, Aluminium Cover = A1.