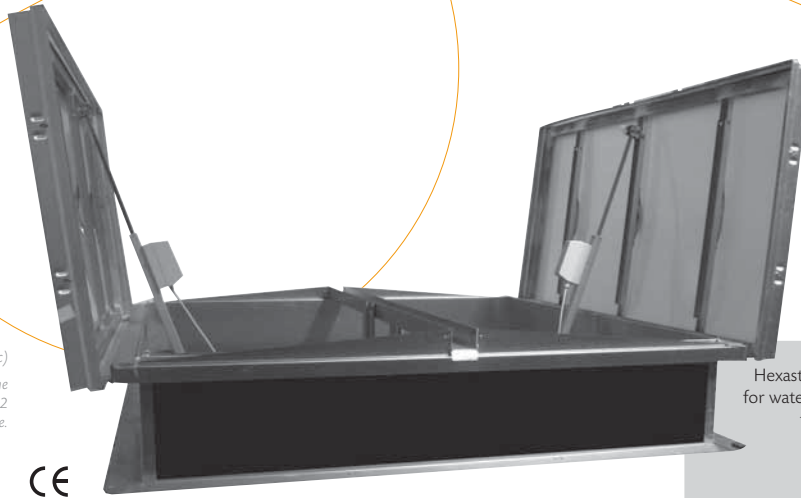


Waterproofed  
roof

Product line **HEXADOME**

# Hexasteel DoE

Smoke vents range



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



Hexasteel DoE (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 3 levels of aerodynamic performances (ECO, STANDARD and PLUS).

Dimensions

Performances

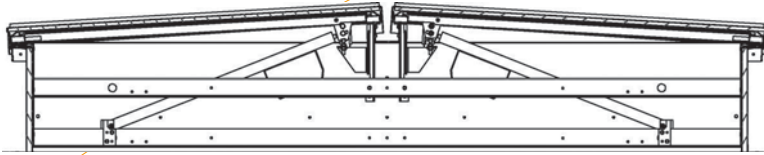
Characteristics

Inner dimensions Length x Width in cm	Geometrical Area (Av) in m <sup>2</sup>	Aerodynamic Surface (Aa)					Nb of pistons	Filling PCA 10-16				Filling insulated aluminium cover					
		Eco		Standard		Plus		Electric drive				Electric drive					
		Aa (SUO) in m <sup>2</sup>	Aa (SUO) in m <sup>2</sup>	Height windshields in mm	Aa (SUO) in m <sup>2</sup>	Height windshields in mm		Aa (SUO) in m <sup>2</sup>	Height windshields in mm	Voltage	SL 125	SL 250	SL 550	Tension	SL 125	SL 250	SL 550
		U (V)	I (A)	I (A)	I (A)	U (V)		I (A)	I (A)	I (A)							
120 x 200	2,40	1,22	1,68	200	1,80	400	2	24	2,8	2,8	4,4	24	2,8	2,8	4,4		
120 x 250	3,00	1,53	2,07	200	2,25	400	2	24	2,8	2,8	4,4	24	2,8	2,8	4,4		
120 x 300	3,60	1,84	2,48	200	2,70	400	2	24	2,8	4,4	4,4	24	2,8	4,4	-		
140 x 200	2,80	1,43	1,93	200	2,10	400	2	24	2,8	4,4	4,4	24	2,8	4,4	4,4		
140 x 250	3,50	1,79	2,38	200	2,63	400	2	24	2,8	4,4	-	24	4,4	4,4	-		
140 x 300	4,20	2,14	2,86	200	3,15	400	2	24	2,8	4,4	-	24	4,4	4,4	-		
160 x 160	2,56	1,31	1,79	200	1,92	400	2	24	2,8	4,4	4,4	24	2,8	4,4	-		
160 x 200	3,20	1,63	2,21	200	2,40	400	2	24	2,8	4,4	-	24	4,4	4,4	-		
160 x 250	4,00	2,04	2,72	200	3,00	400	2	24	2,8	4,4	-	24	4,4	4,4	-		
160 x 300	4,80	2,45	3,26	200	3,61	400	2	24	4,4	4,4	-	24	4,4	4,4	-		
180 x 180	3,24	1,65	2,20	200	2,43	400	2	24	3,2	4,4	-	24	3,2	4,4	-		
180 x 200	3,60	1,84	2,45	200	2,70	400	2	24	3,2	4,4	-	24	4,4	4,4	-		
180 x 250	4,50	2,30	3,06	200	3,39	400	2	24	3,2	4,4	-	24	4,4	-	-		
180 x 300	5,40	2,75	3,67	200	4,09	400	2	24	3,2	4,4	-	24	4,4	-	-		
200 x 200	4,00	2,04	2,72	200	3,00	400	2	24	4,4	4,4	-	24	4,4	4,4	-		
200 x 300	6,00	3,06	4,08	200	4,56	400	2	24	4,4	-	-	24	4,4	-	-		

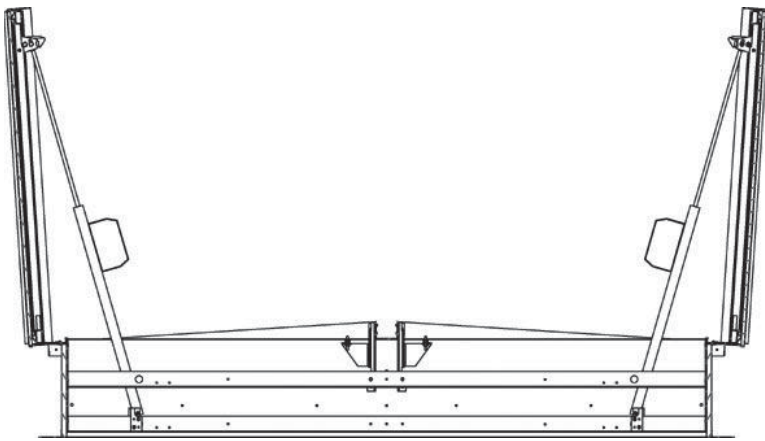
Waterproofed  
roof

# Hexasteel DoE

Smoke vents range



Hexasteel DoE Eco in waiting position



Hexasteel DoE Eco 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.

#### 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 = Bs1d0, Aluminium Cover = A1