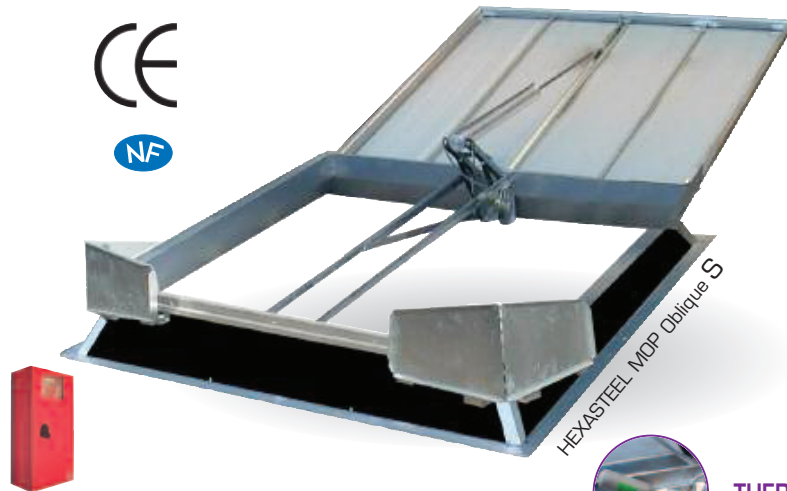


HEXASTEEL MoP: the description

Zenithal lighting and smoke ventilation



*Cf list



* Only C100, 100 x 140, 100 x 150 and 100 x 200

HEXASTEEL MoP

is a smoke and heat ventilator (SHEV) in conformity with the CE Norm EN 12101-2: 0333 CPD219 003

STEEL: Metallic upstand for waterproofed roofs

Mo: Mono opening / vent

P: Pneumatic (opening / closing)



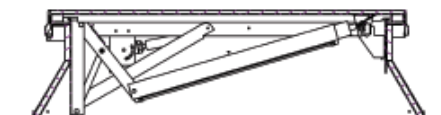
THERMOFUSE PRÉ-MOUNTED IN THE FACTORY

According to the EN 12101-2 specificities

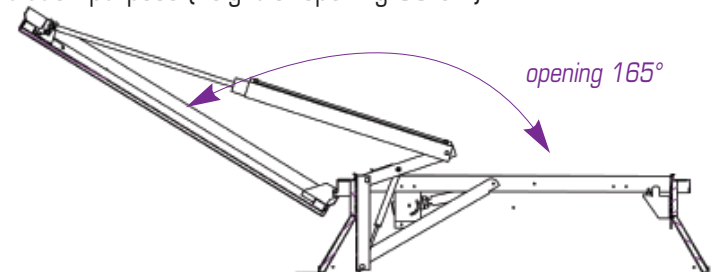
See page 7 (Reglementation) and page 42 (Options smoke extraction)

HEXASTEEL MoP is consisting of:

- A **metallic upstand** height 30, 40 or 50 cm, which can be equipped with an insulation board 15 mm ($U = 2,5W/m^2K$) or 30 mm ($U = 1,5W/m^2K$). 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** pré-installed in the factory.
- **One opening flap** controlled by thermofuse and/or central pneumatic box. The opening power is given by 1 CO₂ piston integrated in the whole system. The opening and closing function is controlled from the floor by activating a CO₂ cartridge for opening and a CO₂ cartridge for closing.
- In option, an **electric drive** 230 V can be installed for daily ventilation purpose (height of opening 30 cm).

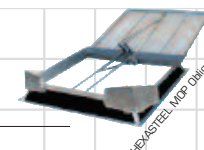


Hexasteel MoP Oblique E in waiting position

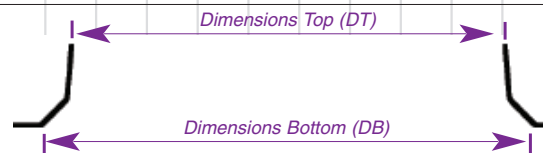


Hexasteel MoP Oblique E in safety position

HEXASTEEL MoP: the characteristics



**NEW UPSTAND
OBLIQUE**
Check your dimensions
of supports



Dimensions			Performances				Characteristics				
References	DT ⁽¹⁾ l x L in cm	DB ⁽¹⁾ l x L in cm	Geometrical area in m ²	Aerodynamic Surface (Aa) in m ²			Working pressure (bar)				Total volume of pistons in liters (L)
				E (eco)	S (Standard)	+ (plus)	PCA ⁽²⁾		CAI/DD ⁽²⁾		
							SL 250 ⁽³⁾	SL 550 ⁽³⁾	SL 250 ⁽³⁾	SL 550 ⁽³⁾	
C 100 straight	100 x 100	100 x 100	1,00	0,40	0,69	0,74	10	12	10	12	1,11
C 100 oblique	100 x 100	120 x 120	1,44	0,58	0,79	-	10	12	10	12	1,11
C 120 oblique	120 x 120	140 x 140	1,96	0,78	1,13	-	10	12	10	12	1,76
C 130 oblique	130 x 130	150 x 150	2,25	0,90	1,32	-	10	12	10	12	1,76
C 140 oblique	140 x 140	160 x 160	2,56	1,02	1,53	-	10	16	10	16	2,55
C 150 oblique	150 x 150	170 x 170	2,89	1,16	1,76	-	10	18	10	18	2,55
C 160 oblique	160 x 160	180 x 180	3,24	1,30	2,02	-	12	21	12	21	2,69
C 180 oblique	180 x 180	200 x 200	4,00	1,60	2,56	-	10	18			4,34
C 200 oblique	200 x 200	220 x 220	4,84	1,94	3,15	-	13	24			4,34
100 x 140 straight	100 x 140	100 x 140	1,40	0,56	0,93	1,04	10	13	10	13	1,76
100 x 140 oblique	100 x 140	120 x 160	1,92	0,77	1,14	-	10	13	10	13	1,76
100 x 150 straight	100 x 150	100 x 150	1,50	0,60	0,99	1,11	10	13	10	13	1,76
100 x 150 oblique	100 x 150	120 x 170	2,04	0,82	1,22	-	10	13	10	13	1,76
100 x 200 straight	100 x 200	100 x 200	2,00	0,80	1,30	1,48	10	13	10	13	1,76
100 x 200 oblique	100 x 200	120 x 220	2,64	1,06	1,64	-	10	13	10	13	1,76
120 x 160 oblique	120 x 160	140 x 180	2,52	1,01	1,56	-	10	15	10	15	1,76
120 x 180 oblique	120 x 180	140 x 200	2,80	1,12	1,74	-	10	15	10	15	1,76
120 x 200 oblique	120 x 200	140 x 220	3,08	1,23	1,91	-	10	17	10	17	1,76
140 x 200 oblique	140 x 200	160 x 220	3,52	1,41	2,22	-	11	20			2,55
160 x 200 oblique	160 x 200	180 x 220	3,96	1,58	2,53	-	12	23	12	23	2,69

⁽¹⁾ DT = Dimension Top of upstand and DB = Dimension Bottom of upstand

⁽²⁾ PCA = Multilayer Polycarbonate panels 10 or 16 mm, CAI = Cover Aluminium Insulated and DD = Double Dôme

⁽³⁾ SL 250 (Snow Load 250 daN/m²) – SL 550 (Snow Load 550 daN/m²)