

# Hexacoif MoP

Smoke vents range

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



Hexacoif MoP (one opening flap) is designed to fit with all kind of existing support (concrete, steel, wood...), and can be controlled by thermofuse and/or central pneumatic box.

Dimensions

Performances

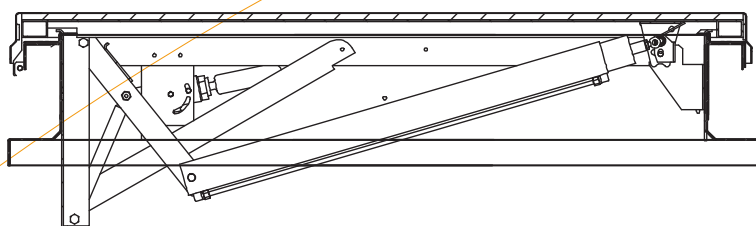
Characteristics

References	DT <sup>(1)</sup> l x L in cm	DB <sup>(1)</sup> l x L in cm	Geometrical Area (Av) in m <sup>2</sup>	Lighting Surface (SLu) in m <sup>2</sup>	Aerodynamical Area (Aa) in m <sup>2</sup>			Working pressure (bar) <sup>(4)</sup>				Total volume of pistons in liters (L)
					E (Eco)	S (Standard)	+ (Plus)	PCA <sup>(2)</sup>		CAI/DD <sup>(2)</sup>		
					H = 150 mm*		H = 300 mm*	SL 250 <sup>(3)</sup>	SL 550 <sup>(3)</sup>	SL 250 <sup>(3)</sup>	SL 550 <sup>(3)</sup>	PCA/CAI
C 100 straight	100 x 100	100 x 100	1,00	1,00	0,42	0,66	0,74	10	16	10	12	0,71 / 1,11
C 120 straight	120 x 120	120 x 120	1,44	1,44	0,60	0,94	1,07	9	17	10	12	1,11 / 1,76
C 130 straight	130 x 130	130 x 130	1,69	1,69	0,69	1,10	1,25	10	12	11	13	1,76
C 140 straight	140 x 140	140 x 140	1,96	1,96	0,80	1,27	1,45	10	14	10	16	2,55
C 150 straight	150 x 150	150 x 150	2,25	2,25	0,91	1,46	1,66	10	16	10	18	2,55
C 160 straight	160 x 160	160 x 160	2,56	2,56	1,03	1,66	1,86	10	19	12	21	2,69
C 180 straight	180 x 180	180 x 180	3,24	3,24	1,28	2,08	2,29	14	26			2,69
C 200 straight	200 x 200	200 x 200	4,00	4,00	1,56	2,40	2,76	11	21			4,34
100 x 140 straight	100 x 140	100 x 140	1,40	1,40	0,59	0,92	1,04	12	15	10	13	1,11 / 1,76
100 x 150 straight	100 x 150	100 x 150	1,50	1,50	0,63	0,98	1,11	13	16	10	13	1,11 / 1,76
100 x 200 straight	100 x 200	100 x 200	2,00	2,00	0,84	1,30	1,48	10	12	10	13	1,76
120 x 160 straight	120 x 160	120 x 160	1,92	1,92	0,79	1,25	1,42	10	15	12	17	1,76
120 x 180 straight	120 x 180	120 x 180	2,16	2,16	0,89	1,40	1,60	10	15	10	10	1,76 / 2,84
120 x 200 straight	120 x 200	120 x 200	2,40	2,40	0,98	1,56	1,78	10	15	10	11	1,76 / 2,84
140 x 200 straight	140 x 200	140 x 200	2,80	2,80	1,13	1,81	2,02	11	20	10	14	2,55 / 4,11
160 x 200 straight	160 x 200	160 x 200	3,20	3,20	1,28	2,06	2,27	12	23			2,69

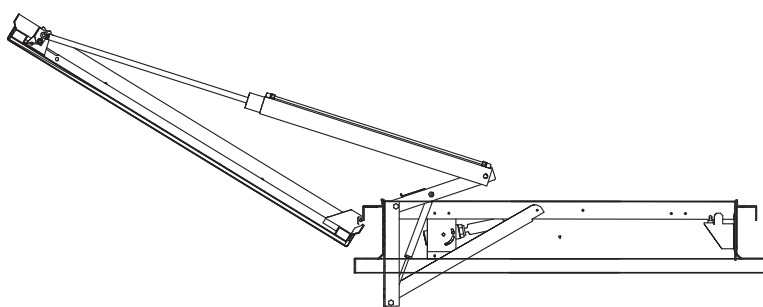
(1) DT = Dimension Top of upstand (Opening area) and DB = Dimension Bottom of upstand (Geometrical area) - (2) PCA = Multilayer polycarbonate panels 10 or 16 mm, CAI = Insulated aluminium cover and DD = Double Dome - (3) SL 250 (0-400 m of altitude) - SL 550 (400-800 m of altitude and more) - (4) Minimum pressure of CO<sub>2</sub> for closing = 8 bar  
For the different kind of available fillings, please, refer you to the part «Fillings»

# Hexacoif MoP

Smoke vents range



Hexacoif MoP Eco in waiting position



Hexacoif MoP Eco in safety position

#### COMPONENTS:

- A metallic upstand in galvanized steel of 150 mm high, which can be installed on all kind of existing support (concrete, steel, wood...).
- This product also allows to transform the original function of an existing skylight, while conserving the existing upstand.
- 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 central pneumatic box. The opening power is given by 1 CO<sub>2</sub> piston integrated in the whole system. The opening and closing function is controlled from the floor by activating a CO<sub>2</sub> cartridge for opening and a CO<sub>2</sub> cartridge for closing.
- In option, an electric drive 230V can be installed for daily ventilation purpose (opening of 30 cm).

#### 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