

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

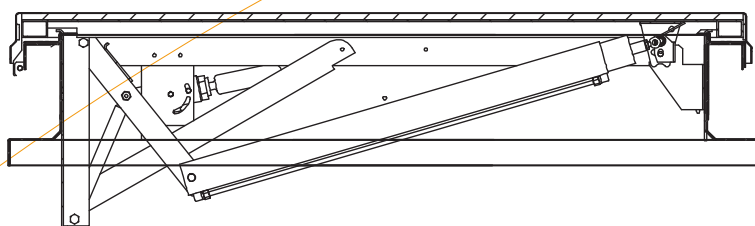
Characteristics

References	DT ⁽¹⁾ l x L in cm	DB ⁽¹⁾ l x L in cm	Geometrical Area (Av) in m ²	Lighting Surface (SLu) in m ²	Aerodynamical Area (Aa) in m ²			Working pressure (bar) ⁽⁴⁾				Total volume of pistons in liters (L)
					E (Eco)	S (Standard)	+ (Plus)	PCA ⁽²⁾		CAI/DD ⁽²⁾		
					H = 150 mm*		H = 300 mm*		SL 250 ⁽³⁾	SL 550 ⁽³⁾	SL 250 ⁽³⁾	SL 550 ⁽³⁾
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

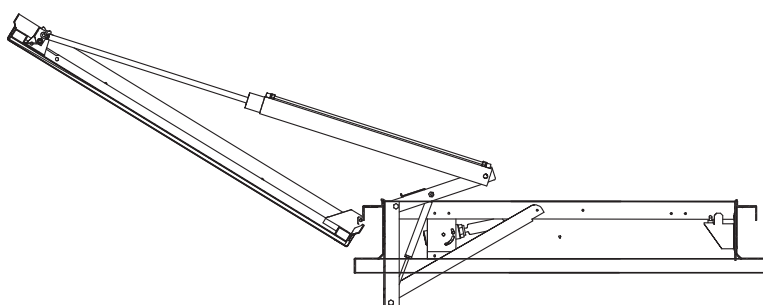
(1) DT = Dimension Top of upstand (Opening area) and DB = Dimension Bottom of upstand (Geometrical area) - (2) PCA = Multilayer polycarbonate panels 10 or 16 mm, CAI = Insulated aluminium cover and DD = Double Dome - (3) SL 250 (0-400 m of altitude) - SL 550 (400-800 m of altitude and more) - (4) Minimum pressure of CO2 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 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 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