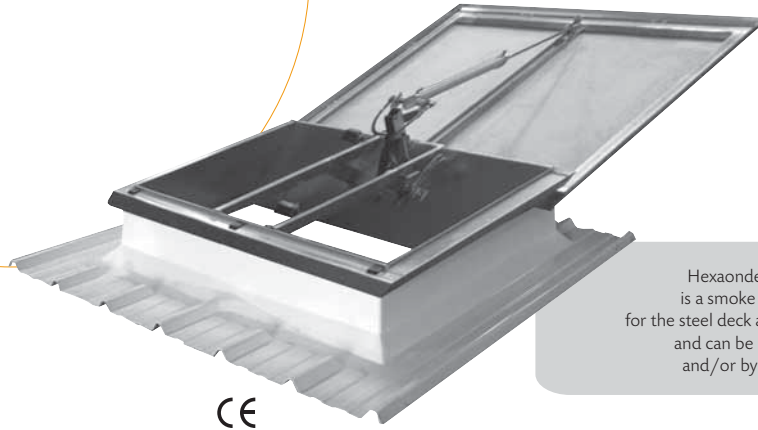


Steel deck
and sandwich
panel roof

Hexaonde
Smoke vents range MoP



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

Hexaonde MoP (one opening flap)
is a smoke vent specifically designed
for the steel deck and sandwich panel
roofs, and can be controlled by thermofuse
and/or by a pneumatic control box.

CE

Dimensions

Performances

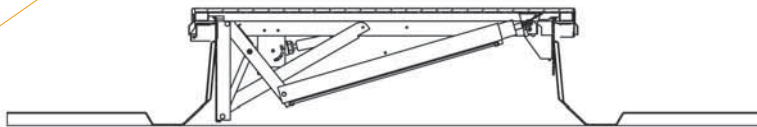
Characteristics

References	DT ⁽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 according to the snow load (bar) ⁽³⁾				Total volume of pistons in liters (L)
							PCA ⁽²⁾		CAI/DD ⁽²⁾		
				E (Eco)	S (Standard)	+ (Plus)	SL 250 ⁽³⁾	SL 550 ⁽³⁾	SL 250 ⁽³⁾	SL 550 ⁽³⁾	
C 100 oblique	100 x 100	1,44	1,00	0,72	0,88		10	16	10	12	1,11
C 120 oblique	120 x 120	1,96	1,44	0,98	1,20		9	17	10	12	1,11 / 1,76
C 140 oblique	140 x 140	2,56	1,96	1,28	1,56		10	14	10	16	2,55
C 160 oblique	160 x 160	3,24	2,56	1,56	1,98		10	19	12	21	2,69
100 x 150 oblique	100 x 150	2,04	1,50	1,00	1,25		13	16	10	13	1,11 / 1,76
100 x 200 oblique	100 x 200	2,64	2,00	1,32	1,61		10	12	10	13	1,76
100 x 230 oblique	100 x 230	2,75	2,30	1,13	2,00		10	14	10	15	1,76
140 x 200 oblique	140 x 200	3,52	2,80	1,62	2,15		11	20	10	14	2,55 / 4,11
160 x 200 oblique	160 x 200	3,96	3,20	1,74	2,42		12	23			2,69

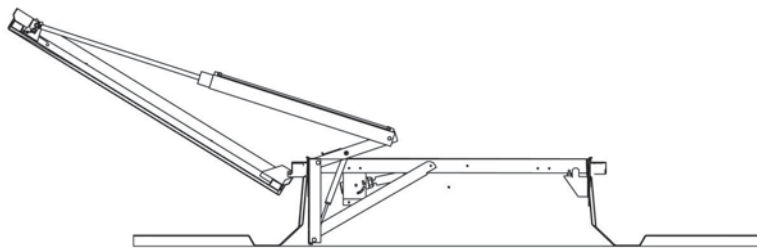
(1) DT = Dimension Top of upstand (Commercial reference) - (2) PCA = Multilayer Polycarbonate panels 10 or 16 mm, CAI = Insulated Aluminium Cover and DD = Double Dome
(3) SL 250 (0-400 m of altitude) - SL 550 (400-800 m of altitude and more) - (4) Minimum pressure of CO₂ for closing = 8 bar

Hexaonde MoP

Smoke vents range



Hexaonde MoP Eco (with oblique upstand) in waiting position



Hexaonde MoP Eco (with oblique upstand) in safety position

COMPONENTS:

- A polyester upstand of 30 cm high, equipped with a thermal insulation.
- The outside and the underside of the polyester upstand are protected by a gel coat (RAL 9010 in standard, for further colors, please consult us).
- A frame in galvanized aluminium, fixed on the polyester upstand, which protects the periphery of dome or PCA.
- A thermofuse pre-installed in the factory (in option).
- 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 6 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