According to Construction Products Council Regulation (UE) N° 305/2011

N : **DoP OTF VISION OFVPLE - OFVPPE _indØ**

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:* **OTF VISION OFVPLE - OFVPPE**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 paragraph 4*: **Information given on the tracking label :**

Order confirmation Number + Product Number + Date of production

3. *Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer :*

3.1 ***Product description :*** Natural smoke and heat exhaust ventilator with a single casement, for wall installation on a horizontal axis in a bottom or top hung opening outside configuration, or on a vertical axis side hung opening outside style. The infill can be in cellular polycarbonate, in glass or insulated double skin aluminium (thermally or acoustically).

3.2 Installation and implementation conditions in accordance with the certified performances.

- Wall installation (±30°)
- Dimensional range : (Hht and Lht are the overall dimensions of the product)

Side cylinders :

	OFVPLE C415 Bottom or top hunged			OFVPLE C415 Side hunged With : If Lpa < 1800 mm then Hpa ≤ Lpa /2 If Lpa ≥ 1800 mm then Hpa ≤ Lpa /3			OFVPLE C600 Bottom or top hunged			OFVPLE C600 Side hunged With : Hpa ≤ Lpa /2	
	Minimum	Maximum		Minimum	Maximum		Minimum	Maximum		Minimum	Maximum
LHT (mm)	666	2544	1744	1216	2544	1944	444	2644	1344	1344	2644
HHT (mm)	666	1344	1744	666	944	1044	729	1394		729	1394

Perpendicular cylinders :

	OFVPPE C415 Bottom or top hunged			OFVPPE C415 Side hunged With : If Lpa < 1800 mm then Hpa ≤ Lpa /2 If Lpa ≥ 1800 mm then Hpa ≤ Lpa /3			OFVPPE C600 Bottom or top hunged		OFVPPE C600 Side hunged With : Hpa ≤ Lpa /2	
	Minimum	Maximum		Minimum	Maximum		Minimum	Maximum	Minimum	Maximum
LHT (mm)	666	2544	1744	1216	2544	1944	416	1344	786	1344
HHT (mm)	666	1344	1744	666	944	1044	591	2644	451	744

3.3 Mode of operation : Pneumatical opening and closing
Service pressure 6 to 15 bars (Cylinder volume : 13,52 Nl max)
For OFVPLE C600 :

- If Hpa ≤ 1250mm : 0 lock
- If Hpa > 1250mm : 1 lock if Av ≤ 3m² and 2 locks if Av > 3m²

So 0.06 Nl under 10 bars for a cycle by lock.

3.4 Possible options :
Open / Close position switches
Thermal device release (according to the current regulation).

4. *Name, registered trade name or trade mark , in conformity with article 11, paragraph 5:*

Company name : SOUCHIER – BOULLET SAS
Parc Segro – 42 rue de Lamirault
CS 20762
77090 COLLEGIEN
France

Production unit : SOUCHIER – BOULLET SAS
11, rue du 47eme R.A
70400 HERICOURT
France

6. *7. System or systems of assessment and verification of constancy of performance of the construction product in accordance to Annex V:*

The notified body **TÜV Rheinland N° 0336** performed the determination of the product type on the basis of type testing, type calculation of the product, the initial inspection of the manufacturing plant and the factory production control and the continuous surveillance, assessment and evaluation of the factory production control under system 1 and issued the certificate of constancy of performance N°

CE Certificate N° 0336 – CPR – 89208434

According to Construction Products Council Regulation (UE) N° 305/2011

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DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

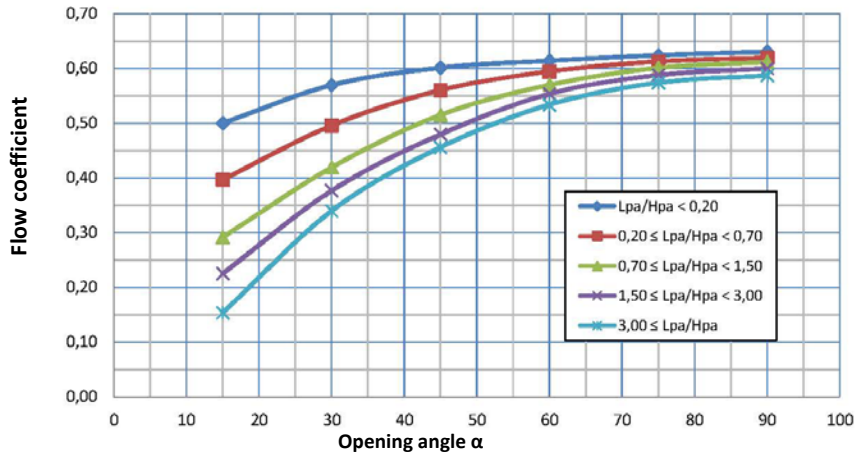
9. *Declared performances:*

Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
	Nominal activation conditions / sensitivity, as:	
	Initiation device	present
	Opening mechanism	present
	Inputs and outputs	present
	Response delay (response time), as:	
	Reliability	
	Opening under (snow, wind) load	
	Low ambient temperature	≤ 60 s
	Fire Performance	
	Operational reliability, as:	
	Reliability	Re 1000, Type B
	Effectiveness of smoke/hot gas extraction, as:	
	Aerodynamic free area (See page 3)	$A_a = A_v$* x C_v**
	Performance parameters under fire conditions, as:	
	Resistance to heat	B_{300} 30
	Mechanical stability	ΔA_{throat}< 10 %
	Reaction to fire	
	Panel or glass insulated	A1
	Polycarbonate	B-s1;d0
	Performance under environnemental conditions, as:	
	Opening under load	SL NPD
	Low ambient temperature	T(00)
	Stability under wind load	WL 1500
	Resistance to wind-induced vibration (where included)	ω_0: > 10Hz, δ: >0,1
	Resistance to heat	B_{300} 30
	Durability, as:	
	Response delay (response time)	≤ 60 s
	Operational reliability	Re 1000
	Performance parameters under fire conditions	≤ 60 s; ΔA_{throat}< 10 %

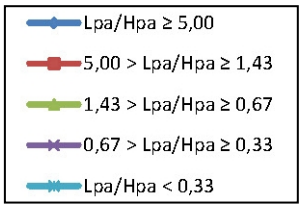
Calculation of the free aerodynamic area :

$A_a = A_v \times C_v$**
A_v = Lpa x Hpa

****Cv: calculation of flow coefficient**



Outward Side



10. *The performance of the product identified in points 1 et 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.*

Signed for and on behalf of the manufacturer by: **David Maillart – R&D Manager**

The 20/04/2023
In Collégien