

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:* **OTF VISION OFVELE - OFVEPE**
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 ($\pm 30^\circ$)
- Dimensional range: (Hht and Lht are the overall dimensions of the product)

Side cylinders

	OFVELE C415 Bottom or top hunged			OFVELE C415 Side hunged			OFVELE C600 Bottom or top hunged			OFVELE C600 Side hunged	
	Minimum	Maximum		Minimum	Maximum		Minimum	Maximum		Minimum	Maximum
LHT (mm)	666	2544	1744	1216	2544	1944	444	2644	1344	1380	2644
HHT (mm)	666	1344	1744	666	944	1044	762	1644	2644	762	1394

Perpendicular cylinders

	OFVEPE C415 Bottom or top hunged			OFVEPE C415 Side hunged		
	Minimum	Maximum		Minimum	Maximum	
LHT (mm)	666	2544	1744	1216	2544	1944
HHT (mm)	666	1344	1586	666	944	1044

3.3 Mode of operation: Electrical motor opening and closing

Voltage: $U_a = U_c = 24 \text{ Vcc}$
 Power: $P_a = P_c$ absorbed in a steady state (40 W max)
 For OFVELE C600: 1 lock if $Av \leq 3 \text{ m}^2$ - 2 locks if $Av > 3 \text{ m}^2$
 $P_a = P_c = 12 \text{ W}$ by lock

3.4 Possible options :

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

4. *Name, registered trade name or trademark, 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 as set out in 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

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9. Declared performances :

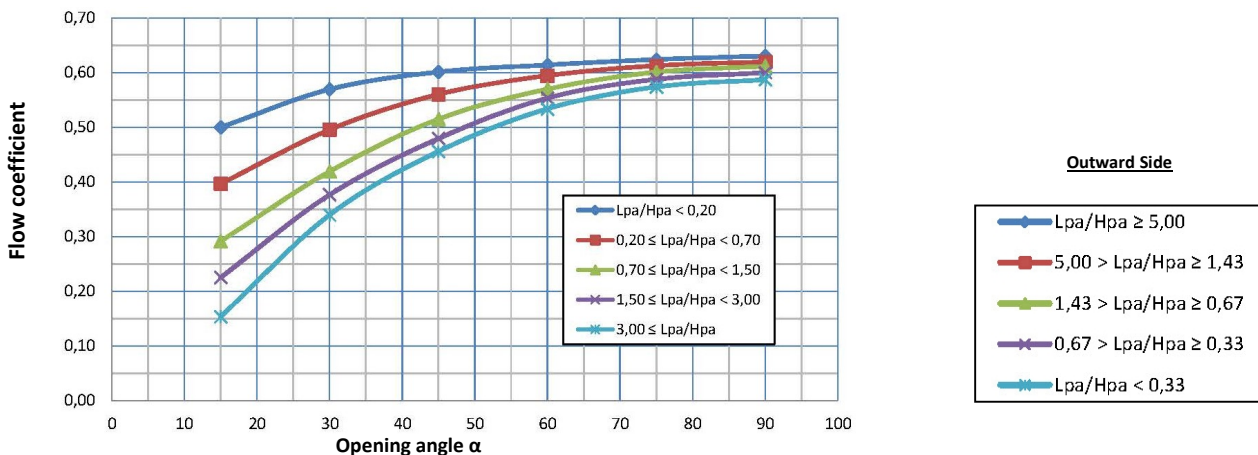
Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
	Nominal activation conditions / sensitivity, as: Initiation device Opening mechanism Inputs and outputs	present present present
	Response delay (response time), as: Reliability Opening under (snow, wind) load Low ambient temperature Fire Performance	≤ 60 s
	Operational reliability, as: Reliability	Re 1000 (+10 000), Type B
	Effectiveness of smoke/hot gas extraction, as: Aerodynamic free area (See page 3)	$A_v = A_v^* \times C_v^{**}$
	Performance parameters under fire conditions, as: Resistance to heat Mechanical stability Reaction to fire	$B_{300} 30$ $\Delta A_{throat} < 10\%$ Panel or glass insulated Polycarbonate A1 B-s1;d0
	Performance under environmental conditions, as: Opening under load Low ambient temperature Stability under wind load Resistance to wind-induced vibration (where included) Resistance to heat	SL NPD T(00) WL 1500 NPD $B_{300} 30$
	Durability, as: Response delay (response time) Operational reliability Performance parameters under fire conditions	≤ 60 s Re 1000 (+10 000) ≤ 60 s; $\Delta A_{throat} < 10\%$

Free aerodynamic surface calculation

$$A_a = A_v \times C_v^{**}$$

$$A_v = Lpa \times Hpa$$

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



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 15/04/2024
In Collégien