

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. Unique identification code of the product-type:

OTF VISION OFVELI – OFVEPI

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 inside configuration, or on a vertical axis side hung opening inside 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:

	OFVELI C415 Bottom or top hung			OFVELI C415 Side hung			OFVELI C600 Bottom or top hung			OFVELI C600 Side hung	
				With :	If Lpa < 1800 mm then Hpa ≤ Lpa / 2 If Lpa ≥ 1800 mm then Hpa ≤ Lpa / 3					With :	Hpa ≤ Lpa / 2
	Minimum	Maximum		Minimum	Maximum		Minimum	Maximum		Minimum	Maximum
LHT (mm)	694	2544	1744	1244	2544	1944	512	2712	1412	1462	2712
HHT (mm)	694	1344	1744	694	944	1044	803	1678	2678	803	1428

Perpendicular cylinders:

	OFVEPI C415 Bottom or top hung			OFVEPI C415 Side hung		
				With :	If Lpa < 1800 mm then Hpa ≤ Lpa / 2 If Lpa ≥ 1800 mm then Hpa ≤ Lpa / 3	
	Minimum	Maximum		Minimum	Maximum	
LHT (mm)	694	2544	1744	1244	2544	1944
HHT (mm)	694	1344	1632	694	944	1044

3.3 Mode of operation: Electrical 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 OFVELI C600: 1 lock if $A_v \leq 3 \text{ m}^2$ and 2 locks if $A_v > 3 \text{ m}^2$
 $P_a = P_c = 12 \text{ W}$ by lock

3.4 Possible options:

Open / Close position switches

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

Company name:

SOUCHIER-BOULLET SAS
 11 rue des Campanules
 CS 30066
 77436 MARNE LA VALLEE Cedex 2
 France

Production unit :

SOUCHIER – BOULLET SAS
 11, rue di 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°

Certificat CE N° 0336 – CPR – 89208434

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9. Declared performances :

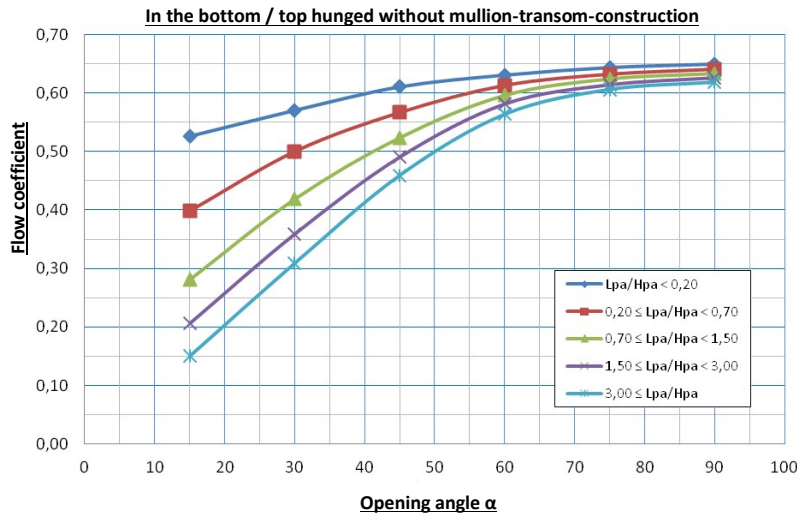
Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
	Nominal activation conditions / sensitivity, as: Initiation device Opening mechanism Inputs and outputs	Présent Présent Présent
	Response delay (response time), as: Reliability Opening under (snow, wind) load Low ambient temperature Fire Performance	≤ 60 s
	Operational reliability, as: Reliability	Re 1000 (+10 000), Type B
	Effectiveness of smoke / hot gas extractions, as: Aerodynamic free area (see graph)	$A_{a0} = A_v \times C_v^{**}$
	Performance parameters under fire conditions, as: Resistance to heat Mechanical stability Reaction to fire: Panel or glass insulated Polycarbonate	B ₃₀₀ 30 $\Delta A_{throat} < 10 \%$ 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

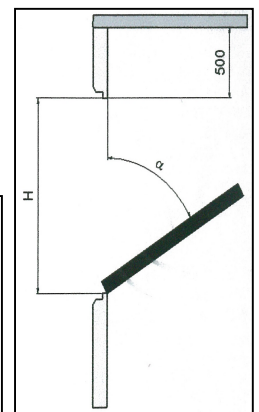
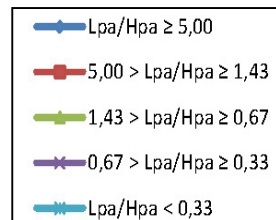
$$A_a = A_v \times C_v^{**}$$

$$A_v = L_{pa} \times H_{pa}$$

** Calculation of flow coefficient without the influence of the «mullion-transom-construction»



Inwards side hunged opening without mullion-transom-construction

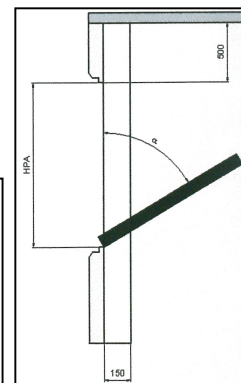
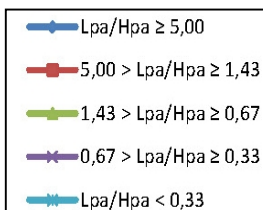


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**** Calculation of flow coefficient without the influence of the «mullion-transom-construction»**



**Inwards side hunged opening
With mullion-transom-
construction**



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 22/06/2026
In Collégien

