

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:* **OTF V2 OFBCE**
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)

Profile choice according to the opening direction, technical feasibility and the type of motorization.

	OFBCE C415 Bottom or top hunged		OFBCE C415 Side hunged			OFBCE C600 Bottom or top hunged			OFBCE C600 Side hunged		
	Minimum	Maximum	With: If Lpa < 1800 mm then Hpa ≤ Lpa / 2 If Lpa ≥ 1800 mm then Hpa ≤ Lpa / 3			Minimum	Maximum	Minimum	Maximum	With : Hpa ≤ Lpa / 2	
			Minimum	Maximum	Minimum					Maximum	
LHT (mm)	666	2544	1744	1216	2544	1944	666	2644	1344	716	2644
HHT (mm)	666	1344	1744	666	944	1044	416	1344	2644	416	1394

3.3 Mode of operation: Electrical opening and closing

Voltage $U_a = U_c$: 24 Vcc or 230 Vac
Power absorbed in steady state
17 to 90 W max according to the actuator

3.4 Possible options :

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

4. *Name, registered trade name or mark name, 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 47^{ème} 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

N : DoP OTF V2 OFBCE _indB

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9. Declared performances :

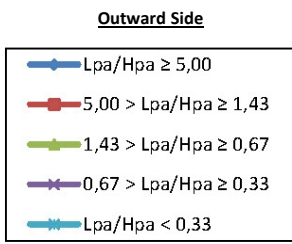
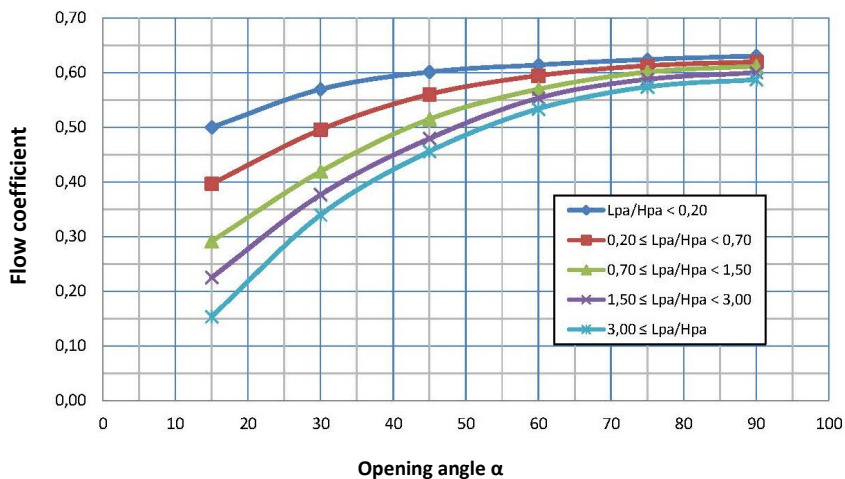
Harmonised technical specification: EN 12101-2:2003	Essential characteristics	Performance
Harmonised technical specification: EN 12101-2:2003	Nominal activation conditions / sensitivity, as: Initiation device Opening mechanism Inputs and outputs	present present present
	Response delay (response time), 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)	$A_{ef} = A_v^{**} \times C_v^{**}$
	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

$$A_{ef} = A_v \times C_v^{**}$$

$$A_v = Lpa \times Hpa$$

****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