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

N : **DoP OTF V2 OFMFE - OFMCE_indA**

DECLARATION OF PERFORMANCE OF SMOKE AND HEAT CONTROL SYSTEMS

1. *Unique identification code of the product-type:* **OTF V2 OFMFE - OFMCE**

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)

Fittings

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

Brackets

	OFMCE C600 Bottom or top hunged		**OFMCE C600** Side hunged **With : Hpa ≤ Lpa /2**	
	Minimum	Maximum	Minimum	Maximum
LHT (mm)	416	2644 / 1344	766	2644
HHT (mm)	441	1344 / 2644	441	1394

3.3 Mode of operation : Mechanical opening and closing
Dynamics resistance on the input: 0,5 daN
Cable stroke between 1 x Hht and 2 x Hht in m.
Reset force : < 100 daN

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

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 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

SOUCHIER BOULLET

CE

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

N : **DoP OTF V2 OFMFE - OFMCE_indA**

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	≤ 60 s
	Low ambient temperature	
	Fire Performance	
	Operational reliability, as:	
	Reliability	Re 1000 (+10 000), Type B
	Effectiveness of smoke/hot gas extraction, as:	
	Aerodynamic free area (see diagrams)	$A_a = A_v$* x C_v**
	Performance parameters under fire conditions, as:	
	Resistance to heat	B_{300} 30
	Mechanical stability	ΔA_{throat}< 10 %
	Reaction to fire	
	Insulated panel or glass	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 (+10 000)
	Performance parameters under fire conditions	≤ 60 s; ΔA_{throat}< 10 %

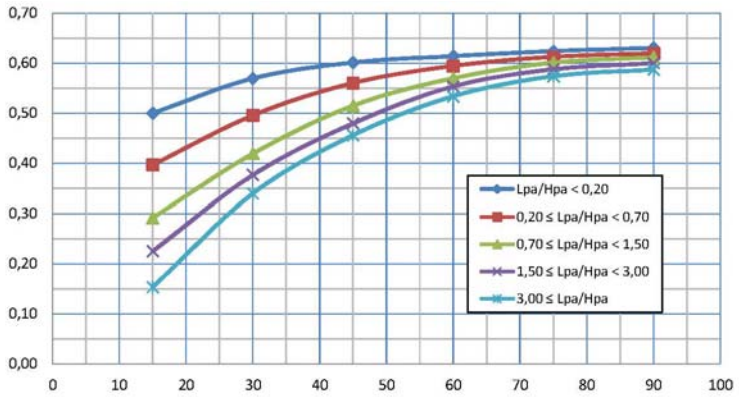
Free aerodynamic surface calculation :

$A_a = A_v \times C_v$**

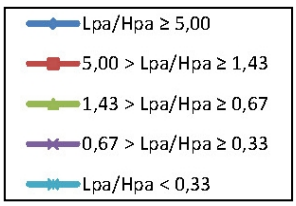
A_v = Lpa x Hpa

****Cv Calculation of flow coefficient :**

Bottom and top hunged opening outward



Outward side hunged opening



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 19/04/2023
In Collégien