

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**N° 2822-UKCA-CPR-0015**

In compliance with Regulation 2020 N°1359 of The construction Products (EU exit) Regulation 2020, it was established that the construction product:

Product	<b>Smoke Control Damper</b>
Reference of the product	<b>VUW120</b>
Placed on the market by or for	<b>RF TECHNOLOGIES Lange Ambachtstraat 40 9860 Oosterzele Belgium</b>
and produced in the manufacturing plant located in	<b>Slovakia</b>

is submitted by the manufacturer to a factory production control, and that the approved certification body EFACTIS UK/Ireland, has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance, described in Annex ZA of the standard **BS EN 12101-8:2011** under system 1 are applied, and that the product(s) fulfill(s) all the prescribed requirements set out above.

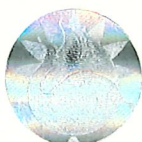
This certificate, first issued on **June 9<sup>th</sup> 2022**, remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product and the manufacturing conditions in the plant are not modified significantly.

This certificate allows the manufacturer, its mandatories or its distributors, stated in the United Kingdom Economic Area, to affix the UKCA marking.

Certificate established at Belfast on: **09/06/2022**

By the Technical Certification Director,

Daniel Joyeux  
Technical Certification Director



Approved body  
**Nr 2822**

**ANNEX TO THE CERTIFICATE OF CONSTANCY OF PERFORMANCE  
TO THE STANDARD EN 12101-8:2011**

Product **Smoke Control Damper**

Reference of the product **VUW120**

Certificate delivered to **RF TECHNOLOGIES  
Lange Ambachtstraat 40  
9860 Oosterzele  
Belgium**

**Description of the field covered by the certificate:**

**CLASSIFICATION**

In accordance with the classification report issued by Efectis France n° EFR-19-000768 rev.1

Mounted "built-in" in a wall made of aerated concrete density 500 kg/m<sup>3</sup> and thickness ≥ 100 mm sealed with mortar:

E	I	t	S	V <sub>ed</sub>	H <sub>o</sub>	i	↔		o	Operating Pressure	Multi	AA	C <sub>yy</sub>
E	I	120	S	V <sub>ew</sub>	-	i	↔		o	-1500 Pa to 500 Pa	Multi	AA	C <sub>10000</sub>

**DESCRIPTION OF THE RANGE**

Tunnel

Boards:

IGNIBOARD (KEEN EAGLE)

Thickness: 15 mm

Flow cross section:

1494 x 994 mm (l x h)

Length

330 mm

Inspection aperture – diameter 130 mm with galvanised steel cover

Steel Connection flange at both extremities: Total length of the smoke exhaust damper with the flange: 400 mm

Damper blade:

2 boards of IGNIBOARD of 24 mm in thickness spaced by 15 mm from either side of the blade axis.

Approved Dimensions 300 x 300 to 1500 x 1000 mm

**CONTROL SYSTEM / CONTROL MECHANISM**

Control Mechanism: BLE (BELIMO) 10000 cycles

Mechanism fixed to the blade



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### LEAK TIGHTNESS

Leak tightness at ambient temperature:

- EPDM Seal

Leak tightness at elevated temperature:

- Intumescent seal

### FIELD OF APPLICATION

Multi-compartment smoke dampers can be applied to ducts tested in accordance with EN 1366-8, constructed from materials of the same density as those tested or from the same material but with a greater density or thickness, provided that the service pressure allowed in the classification report for the end-used duct is compatible

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Technical Certification Director



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