

DECLARATION OF PERFORMANCE

UKCA_DoP_Rf-t_C14_EN ■ F-01/01/2024



1. Unique identification code of the product-type:	CU-LT-1S
2. Intended use/es:	Rectangular fire damper to be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.
3. Manufacturer:	Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele
4. System/s of AVCP:	System 1
5. Designated standard / Approved body; certificate of constancy of performance:	BS EN 15650:2010, BCCA with identification number 0749; 2822-UKCA-CPR-0061
6. Declared performance according to BS EN 15650:2010	(Fire resistance according to BS EN 1366-2 and classifications according to BS EN 13501-3)

Essential characteristics					Performance
Range	Type	Wall	Sealing	Installation	Classification
200x100 mm ≤ CU-LT-1s ≤ 800x600 mm	Rigid wall	Aerated concrete ≥ 100 mm	Not applicable	1	EI 120 (v _e i ↔ o) S - (500 Pa)
			Galvanised duct + GEOFLAM® F 45 mm + mortar	2	EI 120 (v _e i ↔ o) S - (500 Pa)
	Flexible wall	Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm	Not applicable	1	EI 60 (v _e i ↔ o) S - (500 Pa)
			Not applicable	1	EI 90 (v _e i ↔ o) S - (500 Pa)
			Not applicable	1	EI 120 (v _e i ↔ o) S - (500 Pa)
	Rigid floor	Aerated concrete ≥ 150 mm	Not applicable	1	EI 120 (h _e i ↔ o) S - (500 Pa)

1	Type of installation: surface-mounted, 0/90/180/270°		2	Type of installation: remote from the wall, 0/180°	
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Nominal activation conditions/sensitivity:	Pass	Integrity (E)	60, 90 and 120 minutes
Response delay (response time): closure time	Pass	Insulation (EI)	60, 90 and 120 minutes
Operational reliability: cycling	MFUSP - 50 cycles; MMAG - 300 cycles; BFL(T) - 10000 cycles; ONE - 10000 cycles; ONE-X - 10000 cycles; UNIQ - 10000 cycles	Smoke leakage (EIS)	60, 90 and 120 minutes
Durability of response delay:	Pass	Mechanical stability (under E)	Pass
Durability of operational reliability:	Pass	Maintenance of cross section (under E)	Pass
Protection against corrosion according to EN 60068-2-52:	Pass		
Damper casing leakage according to EN 1751:	≥ class C		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Frank Verlinden, Head of Product Management

Frank Verlinden

Oosterzele, 01/01/2024



Designated standard
BS EN 15650:2010