

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_S2_EN ■ E-09/2021

1. Unique identification code of the product-type:	SC
2. Intended use/es:	Circular 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. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance:	EN 15650:2010, BCCA with identification number 0749; BCCA-0749-CPR-BC1-606-0464-15650.08-2517
6. Declared performance according to	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics					Performance
Range	Wall type	Wall	Sealing	Installation	Classification
SC(V)0 Ø 100-200 mm	Rigid wall	Reinforced concrete ≥ 110 mm	Mortar	1	E 120 (v _e o → i) S - (300Pa)
	Rigid floor	Reinforced concrete ≥ 150 mm	Mortar	1	E 120 (h _o o → i) S - (300Pa)
SC(V)60 Ø 100-200 mm	Rigid wall	Reinforced concrete ≥ 110 mm	Mortar	1	EI 60 (v _e o → i) S - (300Pa)
	Rigid floor	Reinforced concrete ≥ 110 mm	Mortar	1	EI 60 (h _o o → i) S - (300Pa)
	Flexible wall	Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm	Stone wool ≥ 40 kg/m ³ + cover plates	1	EI 60 (v _e o → i) S - (300Pa)
Gypsum			1	EI 60 (v _e o → i) S - (300Pa)	
SC(V)90 Ø 80-200 mm	Rigid wall	Reinforced concrete ≥ 110 mm	Mortar	1	EI 90 (v _e o → i) S - (300Pa)
	Rigid floor	Reinforced concrete ≥ 150 mm	Mortar	1	EI 90 (h _o o → i) S - (300Pa)
	Flexible wall	Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm	Stone wool ≥ 40 kg/m ³ + cover plates	1	EI 90 (v _e o → i) S - (300Pa)
SC(V)120 Ø 100-200 mm	Rigid wall	Reinforced concrete ≥ 110 mm	Mortar	1	EI 120 (v _e o → i) S - (300Pa)
	Rigid wall	Aerated concrete ≥ 150 mm	Mortar	1	EI 120 (v _e o → i) S - (300Pa)
	Rigid floor	Reinforced concrete ≥ 150 mm	Mortar	1	EI 120 (h _o o → i) S - (300Pa)
	Flexible wall	Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm	Stone wool ≥ 40 kg/m ³ + cover plates	1	EI 120 (v _e o → i) S - (300Pa)

1 Type of installation: built-in inside a duct, 0-360°; Fire side = side opposite to the fusible link



Nominal activation conditions/sensitivity:	Pass
Response delay (response time): closure time	Pass
Operational reliability: cycling	50 cycles
Durability of response delay:	Pass
Durability of operational reliability:	NPD (no performance determined)
Protection against corrosion according to EN 60068-2-52:	NPD (no performance determined)
Damper casing leakage according to EN 1751:	NPD (no performance determined)

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:
Mathieu Steenland, Technical Manager

Oosterzele, 09/2021



Harmonised standard