



RF-Technologies
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BELGIUM



DECLARATION OF CONFORMITY

We, Rf-Technologies NV,
Declare under our sole responsibility that the product
Rectangular fire damper CU2
To which this declaration relates, is in compliance with all the applicable essential requirements according to EN 15650:2010, and other provisions of the European Council Directive (89/106/EEC)

CU2 Rectangular fire damper

Actuators

- CFTH: Fusible link mechanism)
- MANO: Upgradeable mechanism
- B(L)F(T): General purpose actuator

Fire resistance according to EN 1366-2 and classifications according to EN 13501-3:

Range	Type	Wall	Sealing	Classification
200x200mm up to 1200x800mm	Rigid Wall	Aerated concrete min 100 mm	With mortar	EI120(v _e i→o)S-(500Pa)
			With mineral wool + coating	EI90(v _e i→o)S-(300Pa)
	Flexible Wall	Metal stud gypsum plasterboard GKA min 100 mm	With glue	EI120(v _e i→o)S-(500Pa)
			With stone wool + cover plates	EI90(v _e i→o)S-(500Pa)
			With mineral wool + coating	EI60(v _e i→o)S-(300Pa)
	Rigid Floor	Aerated concrete min 150 mm	With mineral wool + coating	EI90(v _e i→o)S-(300Pa)
With mortar			EI120(h ₀ i→o)S-(500Pa)	
200x200mm up to 1500x1000mm	Rigid Wall	Aerated concrete min 100 mm	With mortar	EI60(v _e i→o)S-(500Pa) EI120(v _e i→o)S-(500Pa)
200x200mm up to 1500x800mm	Rigid Wall	Aerated concrete min 100 mm	With mortar	EI90(v _e i→o)S-(300Pa)
	Rigid Floor	Aerated concrete min 125 mm	With mortar	EI120(h ₀ i→o)S-(300Pa)
	Flexible wall	Metal stud gypsum plasterboard GKF min 100 mm	With stone wool + cover plates	EI90(v _e i→o)S-(300Pa)

Normal activation conditions/sensitivity according to ISO 10294-4:

- Sensing element load bearing capacity
- Sensing element response temperature

Pass

Response delay (response time) according to EN 1366-2:

- Closure time

Pass

Operational reliability according to EN 1366-2:

- Cycling

Pass

Durability of response delay according to EN 1366-2:

- Sensing element response temp. and load bearing capacity

Pass

Durability of operational reliability according to EN 15650:

- Open and closing cycle

- CFTH: 50 cycles - passed
- MANO: 300 cycles - passed
- B(L)F(T): 10.000 cycles - passed

Protection against corrosion according to EN 60068-2-52:

Pass

Damper casing leakage according to EN 1751:

Min. Class B

Declaration based on certificate of conformity BC1-606-0464-15650.03-0464 and BC1-606-0464-15650.13-2517 of BCCA

Date & place of issue
Oosterzele, 1 February 2012

Signature
Tom Van Leuven
Technical Director