



RF-Technologies  
Lange Ambachtstraat 40  
9840 Oosterzele  
BELGIUM



## DECLARATION OF CONFORMITY

We, Rf-Technologies NV,  
Declare under our sole responsibility that the product  
Circular fire damper CR60  
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)

### CR60 Circular fire damper

#### Actuators

- MFUS: Fusible link mechanism
- MMAG: Upgradeable mechanism
- BLF(T): General purpose actuator

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

Range	Type	Wall	Sealing	Classification
Ø100 mm up to Ø315 mm	Rigid Wall	Aerated concrete min 100 mm	With mortar	EI90(v <sub>e</sub> i→o)S-(500Pa)
			With mineral wool + coating	EI90(v <sub>e</sub> i→o)S-(300Pa)
	Rigid Floor	Aerated concrete min 100 mm	With mortar	EI90(h <sub>o</sub> i→o)S-(500Pa)
	Flexible wall	Metal stud gypsum plasterboard GKA min 100 mm	With mineral wool + coating	EI60(v <sub>e</sub> i→o)S-(300Pa)
With mineral wool + coating			EI90(v <sub>e</sub> i→o)S-(300Pa)	
Ø100 mm up to Ø250 mm	Flexible wall	Metal stud gypsum plasterboard GKA min 100 mm	With stone wool + cover plates	EI60(v <sub>e</sub> i→o)S-(500Pa)

#### 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

- MFUS: 50 cycles - passed
- MMAG: 300 cycles - passed
- BLF(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 BC1-606-0464-15650.02-2517 of BCCA

Date & place of issue  
Oosterzele, 1 February 2012

Signature  
Tom Van Leuven  
Technical Director