

## Declaration of Performance Rasch fire dampers

No: DoPA0899004

**Product model:**
**RABR**

Type number and specification according to the product label.

**Intended use:**

To prevent fire and combustion gases in the ventilation system between compartments in buildings according to the harmonized European standard EN 15650:2010.

**Manufacturer**

 Rasch AB  
 Norrsten  
 Motala  
[www.rasch.se](http://www.rasch.se)
**Assessment system and factory product control of the products performance:**

System 1

**Product certification:**

The notified body number 0402 SP, Technical Research of Sweden has performed control according to system 1.

- Initial type testing and initial inspection of the factory and the factory production control system
- Continuous surveillance, assessment and approval of factory production control and issued the certificate: no. 0402 - CPR – SC0899-13

**Performance defined:**

Essential characteristics	Classification/Performance			Standard
Normal activation/sensitivity -Sensing element load bearing capacity -Sensing element response temperature	Pass			ISO 10294-4:2001
Response delay (response time) -Closure time	Pass			EN 1366-2:1999
Operational reliability -Cycling	50 cycles, Pass			EN 1366-2:1999
<b>Fire resistance:</b>	Installation in a horizontal duct max damper size 800x900	Installation against the wall max damper size 1500x1500	Installation against floor max damper size 1500x1500	
-Integrity (E)	E60 (ve i↔o) E120 (ve i↔o)	E60 (ve i↔o) E120 (ve i↔o)	E60 (ho i↔o) E120 (ho i↔o)	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Insulation(EI)	-	-	-	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Smoke leakage(-S)	E60 (ve i↔o)S E120 (ve i↔o)S	E60 (ve i↔o)S E120 (ve i↔o)S	E60 (ho i↔o)S E120 (ho i↔o)S	EN 1366-2:1999 EN 13501-3:2005+A1:2009
Mechanical stability	Pass			EN 1366-2:1999
Maintenance of the cross section	Pass			EN 1366-2:1999
Durability of response delay: -sensing element response to temperature and load bearing capacity	Pass			ISO 10294-4:2001
Durability of operational reliability: -open and closing cycle tests	20 000 cycles, Pass			EN 15650:2010

Performances of RABR conform to performance by the above list.

The declaration of performance has established under Rasch AB own responsibility.

Signed for the manufacture



Per-Magnus Magnusson CEO

Motala 2015-12-10