



Declaration of Performance

Rectangular smoke control damper SDR-S – Single Compartment

1. Product type	Rectangular Smoke control multi-blade damper – Single Compartment Min. 180x180 mm Max. 1600x1000 mm E ₆₀₀ 90 (V _{ed} – i ↔ o) S1000C ₃₀₀ AAsingle
2. Intended use/s	Smoke control damper that is used in smoke control systems, in single-compartment applications, either up to 600°C or at fire temperatures.
3. Manufacturers	ID 26718405
4. Authorised representative	PAVUS – Notified Body 1391 Prosecká 412/74, 190 00 Praha 9 - Prosek
5. System/s of AVCP	System 1
6a. Harmonised standard	EN 12101-8 – CE certificate (EN 1366-10 – Test standard) (EN 13501-4 – Classification standard)
6a. Notified body	PAVUS, a.s.
6b. European Assessment Document	1391-CPR-2021/0042
7. Declared performance/s	See table below.
8. Appropriate or specific Technical Documentation	N/A

7. Declared performance/s			
Essential characteristic	Requirement clauses in EN 12101-8	Findings	Conformity assessment
Nominal activation conditions/sensitivity	cl. 4.2.1.3	Closing / opening during the test at the right time	Conforms
Response delay (response time)	cl. 4.2.1.4	< 60 s	Conforms
Operational reliability	cl. 4.4.2.2	C ₃₀₀	Conforms
Fire resistance – integrity	cl. 4.1.1 a)	E ₆₀₀ 90 < 360 m ³ /(h.m ²)	Conforms
Fire resistance – insulation	cl. 4.1.1 b)	For single compartment dampers it's not req.	N/A
Fire resistance – smoke leakage	cl. 4.1.1 c)	E ₆₀₀ 90 S1000 < 200 m ³ /(h.m ²)	Conforms
Fire resistance – mechanical stability	cl. 4.1.1 d)	90 min	Conforms
Fire resistance – maintenance of cross-section	cl. 4.1.1 e)	90 min	Conforms
Fire resistance – high operational temperature	cl. 4.1.1 f)	NPD	NPD
Durability of response delay	cl. 4.4.2.1	< 60 s	Conforms
Durability of operational reliability	cl. 4.4.2.2	C ₃₀₀ < 120 S	Conforms

This declaration of performance is issued under the sole responsibility of the supplier identified in this declaration.

Signed for and on behalf of the supplier by:

Authorised person:
Torbjörn Bruzelius
Strategic Product Manager Ventilation Products
2021-04-12 Grevie, Sweden