





# DECLARATION OF PERFORMANCE

number: DeclarOfPerform\_S-SA2L\_A\_EN

1. Unique identification code of the product	<b>S-SA2L</b>
2. Type	<b>Systemair Smoke Control Damper S-SA2L</b>
3. Intended use of the construction product	Duckwork closure of the Smoke and Heat Exhaust Ventilation System – for multi compartments
4. Name, registered trade name and contact address of the manufacturer	Systemair Production a.s., Hlavná 371, 90043 Kalinkovo, Slovakia
5. Where applicable, name and contact address of the authorized representative	—
6. System of assessment and verification of constancy of performance of the construction product	system 1
7. Harmonized product standard, test standard, classification standard	EN 12101-8:2011, EN 1366-10:2011, EN 13 501-4:2018
8. Identification number of the notified body	1396
Name and address of the notified person	FIRES s.r.o. Osloboditeľov 282, 059 35 Batizovce
Which performed in system 1:	determination of the product type on the basis of type testing (including sampling) and descriptive documentation of the production initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control
and issued certificate of constancy of performance	1396-CPR-0147

## 9. Declared performance

Dimension Range (mm)	Classification	Duct orientation	Applicable Duct Tested per Standard			
						
			On the duct / Bottom mounted	On the duct / Top mounted	On the duct / Side mounted	In the duct / Horizontal axis
200 × 200 up to 1600 × 1000	EI120 (v <sub>ed</sub> i ↔ o) S1500 C <sub>mod</sub> AAmulti	Horizontal duct	EN 1366-9 EN 1366-8	EN 1366-9 EN 1366-8	EN 1366-9 EN 1366-8	-
	EI120 (h <sub>od</sub> i ↔ o) S1500 C <sub>mod</sub> AAmulti	Vertical duct	-	-	EN 1366-9 EN 1366-8	-

Allowed direction of the blade axis	Horizontal and Vertical
<b>Fire resistance:</b> maintenance of the cross section (under E) - integrity E - insulation I - smoke leakage S - mechanical stability (under E) - cross section (under E)	<b>Passed</b>  1500 Pa
<b>Operational reliability:</b> - cycling motorized	<b>Passed</b> 10000 cycles 0-90° followed by 10000 cycles 45-60° (modulated)
<b>Durability of operational reliability:</b> open and closing cycle	<b>passed</b>
<b>Tightness class according to EN 1751:</b> - casing - blade	standardly C standardly 3
<b>Actuating mechanism:</b>	Actuator Belimo BLE230(24); BE230(24); BEE230(24); BEN230(24) - 230 V AC or 24V AC/DC Actuator Gruner 362-024-40-S2, 24V AC/DC or 362-230-40-S2, 230V AC Actuator Gruner 342-024-15-S2, 24V AC/DC or 342-230-15-S2, 230V AC




This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.  
Signed for and on behalf of the manufacturer by:



Kalinkovo on the 5<sup>th</sup> May 2019

Ing. Ondrej Ertl CSc., technical director