

DECLARATION OF PERFORMANCE

number: DoP52_DK11_E_EN

1. Unique identification code of the product	DKIS1 and DKIR1
2. Type	Rectangular and round smoke damper
3. Intended use of the construction product	Duckwork closure of the Smoke and Heat Exhaust Ventilation System – for one compartment
4. Name, registered trade name and contact address of the manufacturer	IMOS-Systemair 90043, Kalinkovo 146, 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, EN 1366-10, EN 13 501-4
8. Identification number of the notified body	1396
Name and adress 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	CE 1396-CPR-0058

9. Declared performance

Name	Certificate No.	Dimension range (mm)	Installation	Fire resistivity	Tested by under-pressure (Pa)
DKIR1	 1396-CPR-0058	ø 100 - 630	In or on a duct running through the wall	E ₆₀₀ 120 (V _{ed} i ↔ o)S500 C ₁₀₀₀₀ AA single	500
DKIS1		W > 1200 up to 1500x800			
		200x200 up to 1200x800			
				E ₆₀₀ 120 (V _{ed} i ↔ o)S1500 C ₁₀₀₀₀ AA single	1500

Direction of the blade axis	horizontal
Fire resistance: maintenance of the cross section (under E) - integrity E - smoke leakage S - mechanical stability (under E) - cross section (under E)	Passed 600°C 500 Pa / 1500 Pa (see the table above)
Operational reliability: - cycling motorized	Passed 10200 cycles
Durability of operational reliability: open and closing cycle	passed
Tightness class according to EN 1751: - casing - blade	B 2
Actuating mechanism:	Servomotor 24V AC/DC/ 230 V AC

Text changed against version C of this document is written in italic.

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 the 9th November 2016

Ing. Ondrej Ertl CSc., technical director: 