


## DECLARATION OF PERFORMANCE

No: DoP 704/2015\_5\_EN

1. Unique identification code of the product-type:	Circular fire damper
2. Identification of the construction product:	FDC 25
3. Intended use(s) of the construction product:	Circular fire damper to be used in conjunction with fire separating elements to maintain fire compartments in HVAC installations.
4. Name and contact address of the manufacturer:	Klimaoprema d.d., Gradna 78A, 10430 Samobor
5. Not applicable	
6. System of assessment and verification of constancy of performance of the construction product:	System 1
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body 1396 carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the Certificate of constancy of performance 1396-CPR-0075
8. Not applicable	
9. Declared performance according to EN 15650:	(Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)

Essential characteristics				Performance
Range	Supporting construction	Supporting construction details	Type of installation	Classification
Ø 100 mm up to Ø 315 mm	Rigid wall	Aerated concrete ≥100mm	Gypsum plaster/Mortar/Concrete	EI 90 (ve i↔o)S (300Pa)
			Mineral wool≥140 kg/m <sup>3</sup> + fire resistant coating	EI 90 (ve i↔o)S (300Pa)
	Flexible wall	Metal studs wall, gypsum plasterboard GKB, GKF with mineral wool ≥100mm Metal studs wall, gypsum plasterboard GKF with mineral wool ≥100mm	Gypsum plaster/Mortar/Concrete with cover slabs	EI 60 (ve i↔o)S (300 Pa)
			Mineral wool≥140 kg/m <sup>3</sup> + fire resistant coating	EI 90 (ve i↔o)S (300 Pa)
	Floor/ceiling	Reinforced concrete ≥125mm	Gypsum plaster/Mortar/Concrete	EI 90 (ho i↔o)S (300 Pa)
			Gypsum plaster/Mortar/Concrete with cover slabs	EI 120 (ho i↔o)S (300 Pa)
			Mineral wool≥140 kg/m <sup>3</sup> + fire resistant coating	EI 90 (ho i↔o)S (300 Pa)
	Type of installation: built in, 0-360° 			
Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature				Passed
Response delay (closing time) according to EN 1366-2:				Passed
Operational reliability (opening, closing) according to EN 1366-2:				Passed
Durability of response delay according to ISO 10294-4: - sensing element response to temperature and load bearing capacity				Passed
Durability of operational reliability (opening and closing cycle) according to EN 15650: - Belimo BLF-T-(ST), BLF-T, Siemens GNA, Schischek ExMax 5.10 - 10 000 cycles				Passed
Protection against corrosion according to EN 60068-2-52:				NPD
Damper blade and casing leakage according to EN 1751:				Class ≥ A

Harmonised standard EN 15650:2010

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for on behalf of the manufacturer by:

Branko Duvnjak, General manager




Samobor, 8. May 2015