

Declaration of performance DoP br. 717/ENG/02-2023

Identification mark	FDC-DD – Cylindrical fire damper					
Purpose of the product	It is used in combination with fire protection elements to ensure fire protection zones in HVAC installations					
Manufacturer	KLIMAOPREMA d.d. Gradna 78A, 10430 Samobor, Croatia					
System for evaluating and verifying	System 1					
he constancy of properties						
Harmonised norm	EN 15650:2010					
Notified body	LTM, Croatia – NB 2483 – Certificate of constancy of performan	nce 2483-CPR-10117				
Declared properties	Characteristic	Property/Result				
	Nominal activation conditions/sensitivity according to ISO 10294-4: - sensing element load bearing capacity - sensing element response temperature	Passed				
	Response delay (closing time): - response delay (closing time) according to EN 1366-2	Passed				
	Operational reliability: - cycles (opening, closing) according to EN 1366-2:	Passed				
	Resistance to fire:	EI 60 S				
	- integrity E, insulation I	(ve - ho, i \leftrightarrow o)				
	- smoke leakage S - mechanical stability (under E) - cross-section integrity (under E)	EI 60 S (ve , i \leftrightarrow o)				
	Durability of response delay: - the sensing element responds to temperature and load capacity	Passed				
	Durability of operational reliability: - opening and closing cycles	50 cycles				
	Corrosion protection: - according to EN 60068-2-52	NPD				
	Casing airtightness: - according to EN 1751	Class ≥ C				
	Damper blade airtightness: - according to EN 1751	Class ≥ 3				

This Declaration of performance is available at: www.klimaoprema.com.

The previously determined property of the product is in accordance with the published properties. This Declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 laying down harmonized conditions for the placing of construction products on the market, Delegated Regulation (EU) No. 574/2014, Delegated Regulation (EU) No. 568/2014, under the sole responsibility of the previously determined manufacturer.

Signed for the manufacturer on his behalf:

Sergio Galošić, CEO

2 klima oprema a.d. Za projektiranje, proizvodnju, postavljanje, popravak i održavanje opreme za klimatizaciju 10430 SAMOBOR, GRADNA 78/A

Samobor, 10.02.2023.

To achieve the declared properties, this product must be used in accordance with the manufacturer's specifications and technical instructions!

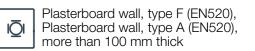


Check for more information about certificate installations in the declaration of performance:

	Aerated concrete (≥ 550 kg/m³) or
	reinforced concrete (≥ 2200 kg/m³) wall, more than 100 mm thick
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FIRE DAMPER - FDC-DD



Range	Supporting construction	Wall thickness	Supporting construction details	Type of installation	Classification	Tested underpressure	Details	Construction type	Sealing type
FDC-DD	Rigid wall	≥ 100 mm	Aerated concrete (≥ 550kg/m³) Reinforced concrete (≥ 2200kg/m³)	/	El 60 (ve i↔o)S	300Pa			
		≥ 70 mm	Gypsum blocks (≥ 995kg/m³)	/	El 60 (ve i↔o)S	300Pa			
	Flexible wall	≥ 100 mm -	A: Plasterboard type F (EN520), mineral wool up to 60 kg/m ³	instance in the second	El 60 (ve i↔o)S	300Pa			
			B: Plasterboard type A (EN520), mineral wool up to 60 kg/m ³						
		≥ 100 mm -	A: Plasterboard type F (EN520), mineral wool up to 60 kg/m ³	Installation with	El 60 (ve i↔o)S	0000			
			B: Plasterboard type A (EN520), mineral wool up to 60 kg/m ³	profile inserts	El 60 (ve i↔o)S	- 300Pa		ΙŌΙ	

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