Declaration of performance

DoP No. 1716/ENG/07-2023/Rev.A-09-2024

Identification code	FDSD – Smoke control damper						
Intended use	To be used in conjuction with pressure differential systems and smoke and heat control systems						
Manufacturer	KLIMAOPREMA d.d. Gradna 78A, 10430 Samobor, Croatia						
System of assessment and verification of constancy of performance	System 1						
Harmonised standard	EN 12101-8:2011						
Notified body	FIRES, Slovakia, Notified body 1396–Certificate of constancy of performance 139						
Declared performance	Essential characteristics	Performance/Class					
	Nominal activation conditions/sensivity	Pass					
	Responce delay (responce time):	Pass (AA)					
	Operational reliability:	C Mod					
	Fire resistance: - integrity E insulation I - smoke leakage S - mechanical stability (under E) - maintance of cross-section (under E) - high operational temperature	EI 60/90/120(v _{edw} , i ↔ o) S 1000/1500 C Mod AAmulti					
	Durability: - of responce delay - of operational reliability	Pass (AA) Pass (C Mod)					
	Leak tightness class of the casing: - according to EN 1751	Class ≥ C					

This Declaration of performance is provided on: www.klimaoprema.com.

Declaration of performance of the described product is in conformity with declared performance. This Declaration of performance is issued in accordance with the Regulation (EU) No. 305/2011, Delegated Regulation (EU) No. 574/2014, Delegated Regulation (EU) No. 568/2014, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Sergio Galošić, CEO

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

Samobor, 11.07.2023.

For achievement of the declared performance, this product has to be used according to the specifications and techical instructions of the manufacturer!

Range	Installation	Supporting construction	Type of installation	Wall thickness	Supporting construction details	Classification	Max. underpressure	Max. overpressure	Details	_	INSTALLATION
	Installation in wall	Rigid wall	Gypsum plaster / Mortar	≥ 100 mm	Aerated concrete, Reinforced concrete, Gypsum blocks etc (≥ 450 kg/m³)	El 120 (vew i ↔ o)S 1500 Cmod AA multi	1500 Pa	500 Pa	•		Check for more information about certificate installations in the declaration of performance: Aerated concrete (≥ 450 kg/m³) or
FDSD -									-		reinforced concrete (≥ 2200 kg/m³) wall, more than 100 mm thick
			ested on EN 1366-8 9, Promat Promatect L500		Installation in duct-own design, boards and glue	El 90 (ved i ↔ o)S 1500 Cmod AA multi	1500 Pa	500 Pa	0		Gypsum plaster, mortar sealing or mortar and cover boards
	Vertical on duct	Duct tested on EN 1366-8 or EN 1366-9, FIRESAFE FIRE RATED			Installation in	El 60 (ved i ↔ o)S 1000 Cmod AA multi					Multi-compartment (one side), mortar sealing
		DUCTWORK, LTD-CF/EN/E120/I120/GS/CT	DUCTWORK,		prefabricated duct	E 90 (ved i ↔ o)S 1000 Cmod AA multi	1000 Pa	500 Pa			Multi-compartment (both side), mortar sealing
									-		Horizontal duct installation
											Connect the boards with Promat



Connect the boards with Promat Kleber K84 and screws