

Declaration of performance

DoP No. 1716/ENG/07-2023

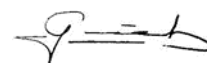
Identification code	FDSD – Smoke control damper	
Intended use	To be used in conjunction with pressure differential systems and smoke and heat control systems	
Manufacturer	KLIMAOPREMA d.d. Gradna 78A, 10430 Samobor, Croatia	
System of assessment and verification of constancy of performance	System 1	
Harmonised standard	EN 12101-8:2011	
Notified body	FIRES, Slovakia, Notified body 1396–Certificate of constancy of performance 1396-CPR-0198	
Declared performance	Essential characteristics	Performance/Class
	Nominal activation conditions/sensivity	Pass
	Response delay (response time):	Pass (AA)
	Operational reliability:	C10000
	Fire resistance: - integrity E insulation I - smoke leakage S - mechanical stability (under E) - maintenance of cross-section (under E) - high operational temperature	EI 90 _(vedw, i ↔ o) S 1500 C10000AAmulti
	Durability: - of response delay - of operational reliability	Pass (AA) Pass (C10000)
	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:





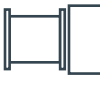




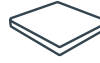


Sergio Galošić, CEO



Samobor, 11.07.2023.


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


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


Range	Installation	Supporting construction	Type of installation	Wall thickness	Supporting construction details	Classification	Max. underpressure	Max. overpressure	Details
FDSD	Installation in wall	Rigid wall	Gypsum plaster / Mortar	≥ 100 mm	Aerated concrete, Reinforced concrete, Gypsum blocks etc (≥ 450 kg/m ³)	EI 120 (vev i ↔ o)S 1500 Cmod AA multi	1500 Pa	500 Pa	  
									 
									 
		Duct tested on EN 1366-8 or EN 1366-9, Promat Promatect L500			Installation in duct-own design, boards and glue	EI 90 (ved i ↔ o)S 1500 Cmod AA multi	1500 Pa	500 Pa	  
	Vertical on duct	Duct tested on EN 1366-8 or EN 1366-9, FIRESAFE FIRE RATED DUCTWORK, LTD-CF/EN/E120/I120/GS/CT18/R			Installation in prefabricated duct	EI 60 (ved i ↔ o)S 1000 Cmod AA multi E 90 (ved i ↔ o)S 1000 Cmod AA multi	1000 Pa	500 Pa	 


INSTALLATION


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


 Aerated concrete (≥ 450 kg/m³) or reinforced concrete (≥ 2200 kg/m³) wall, more than 100 mm thick

 Gypsum plaster, mortar sealing or mortar and cover boards

 Multi-compartment (one side), mortar sealing

 Multi-compartment (both side), mortar sealing

 Horizontal duct installation

 Connect the boards with Promat Kleber K84 and screws