

DECLARATION OF PERFORMANCE NO. 001-05-CPR-2018

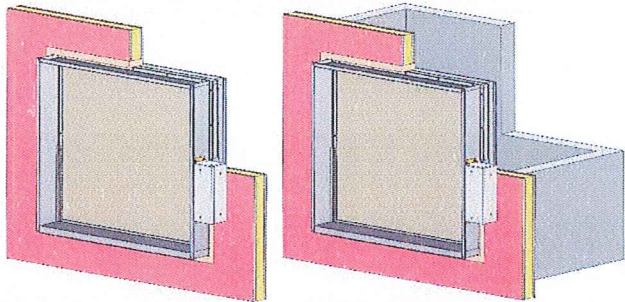
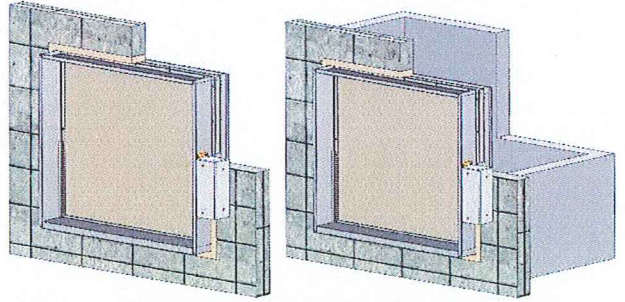
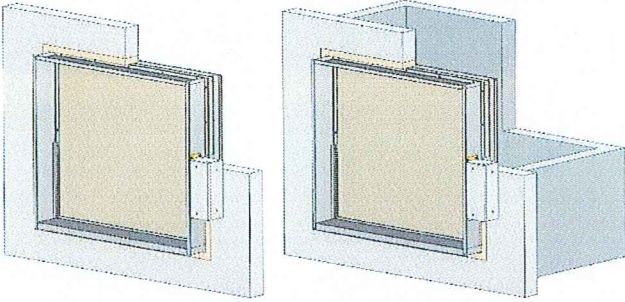
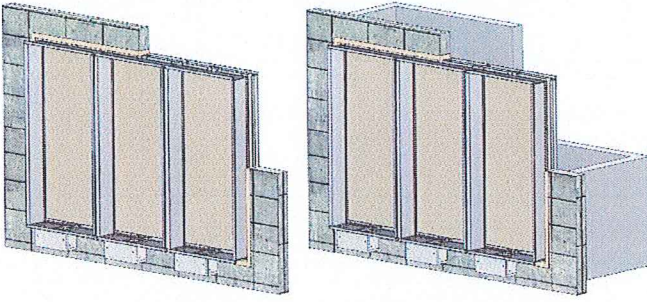
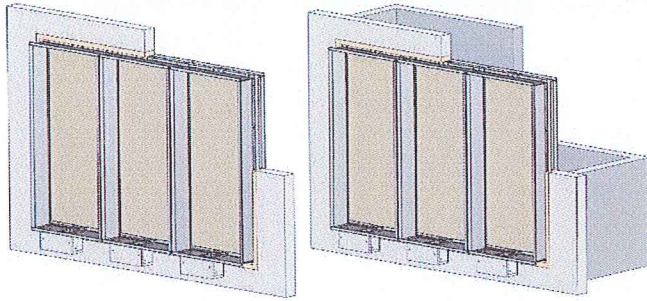
- Product name:**
Fire dampers and multiple sets of dampers type mcr FID S/V p/P.
- Type, batch or serial No.:**
A unique serial number of each damper is provided on the label.
- Intended use and scope of application of the product:**
Fire dampers and multiple sets of dampers mcr FID S/V p/P are designed to be used in fire ventilation systems at places where these systems pass through space dividing elements of certain fire resistance class. The dampers are designed to be control single and multiple fire zones.
- Manufacturer:**
MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny (Production Site), Ul. Kwarцова 3a, 83-031 Ciepłewo, Poland and 380-470 and 48-593.
- System of assessment and verification of constancy of performance of the product:**
System 1.
- Construction product covered by the harmonized standard:**
PN-EN 12101-8:2012 (EN 12101-8:2011).
- Notified body name and No., certificate of conformity No.:**
Notified body No.2434, Centrum Techniki Okrętowej S.A, ul. Szczecińska 65, 80-392 Gdańsk.
Certificate of Constancy of Performance: 2434-CPR-0029.
Notified body No. 1396, FIRES, s.r.o., Osloboditelov 282, 059 35 Batizovce.
Certificate of Constancy of Performance: 1396-CPR-0178

8. Declared performance:

Essential characteristics	EN 12101-8:2011	Performance	Result
Nominal activation condition/ sensitivity	4.2.1.3	-	Pass
Response time/ Closure time	4.2.1.4	<60s	Pass
Operation reliability/ Closure time	4.4.2.2	<120s	Pass
Fire resistance – integrity	4.1.1 a)	E60 / E120	Pass
Fire resistance – insulation	4.1.1 b)	EI60 / EI120	Pass
Fire resistance – smoke leakage	4.1.1 c)	EIS60 / EIS 120	Pass
Durability of operational reliability	4.4.2.2	10.000	Pass
Vertical / horizontal axis of rotation	4.4.2.2	Yes	-
Fire resistance classification	4.4.3	EI 120 (v _{ew} i↔o) S1500C _{10 000} AAmulti* EI 120 (v _{ew} i↔o) S1000C _{10 000} AAmulti** EI 60 (v _{ew} i↔o) S1500C _{10 000} AAmulti**	Pass
Size range	Rectangular damper: 200x200 to 1250x1000 [mm], max. area not larger than 1.25m ² * A multiple fire dampers set consisting 3 or 2 rectangular dampers: from 200x200 up to 710x1500 [mm], with vertical axis of rotation, release and control mechanisms at the top or bottom of the damper set.**		
Insulation	Lightweight walls / shaft - wall thickness min 125mm * Rigid walls/ shafts made of concrete blocks, hollow masonry units, prefabricated boards, masonry walls/ shafts: 120mm **		
Release and control mechanisms	Electric actuators voltage: 24V and 230V		

Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

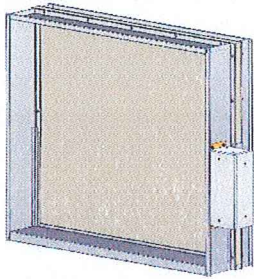
„MERCOR” S.A.
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tel. (+48 58) 341 42 45, fax (+48 58) 341 39 85
e-mail: mercor@mercort.com.pl
www.mercort.com.pl

Installation	Type of assembly	Classification	Partition thickness
	Lightweight walls / shafts of drywall	EI 120 (V _{ew} i↔o) S1500 C _{10.000} AA multi	min. 125mm
	Rigid walls / shafts of blocks	EI 120 (V _{ew} i↔o) S1500 C _{10.000} AA multi	min. 125mm
	Solid walls/ shafts	EI 120 (V _{ew} i↔o) S1500 C _{10.000} AA multi	min. 125mm
	Rigid walls / shafts of blocks	EI 120 (V _{ew} i↔o) S1000 C _{10.000} AA multi or EI 60 (V _{ew} i↔o) S1500C _{10 000} AAmulti	min. 125mm
	Solid walls/ shafts	EI 120 (V _{ew} i↔o) S1000 C _{10.000} AA multi or EI 60 (V _{ew} i↔o) S1500C _{10 000} AAmulti	min. 125mm

Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

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Release and control mechanisms



Actuators for fire ventilation dampers powered by 24V and 230V

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.


Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ

Tomasz Kobyliński

Gdańsk, 15.05.2020

Rev. 4