

DEKLARATION OF PERFORMANCE NO. 001-05-CPR-2025

1. Unique identification code of the product type:

Fire dampers type mcr FID 240L with a fire resistance classification according EN 13501-3:2005
EI 240 ($v_e i \leftrightarrow o$) S, EI 120 ($v_e i \leftrightarrow o$) S, EI 90 ($v_e i \leftrightarrow o$) S, EI 60 ($v_e i \leftrightarrow o$) S

2. Intended use and scope of application of the product:

Fire cut-off dampers type mcr FID 240L are designed for use in comfort ventilation systems (general ventilation), in places where these systems pass through building partitions with a specific fire resistance and for supplying clean air from the protected space to the smoked area (space), while maintaining insulation, and/or integrity and/or smoke leakage, depending on the application.

3. Manufacturer:

MERCOR Light&Vent Sp. z o.o., ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny, Ul. Kwarcowa 3a, 83-031 Ciepłowo and 380-470.

4. System of assessment and verification of constancy of performance of the product:

System 1

5. Construction product covered by the harmonised standard:

PN-EN 15650:2010 (EN 15650:2010)

6. Notified body name and No., certificate of conformity No.:

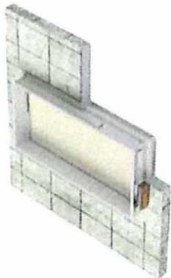
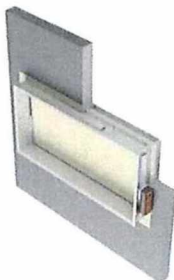
Notified Body No. 2434, Centrum Techniki Okrętowej S.A., ul. Szczecińska 65, 80-392 Gdańsk.
Certificate of Constancy of Performance: 2434-CPR-0407

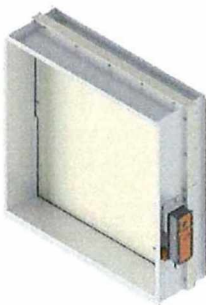
7. Declared performance:

Essential characteristics	EN 15650	Performance	Result
Nominal activation conditions/sensitivity	4.2.1.2	ISO 10294-4: 2001, pkt 4.2	Pass
Sensing element response temperature	4.2.1.2.2.		
Sensing element load bearing capacity	4.2.1.2.3		
Response time/ Closure time	4.2.2.2	<2 minutes	Pass
Operational reliability / Cycling	4.3.1. a)	C50	Pass
Fire resistance – integrity	4.1.1 a)	E240, E120, E90, E60	Pass
Fire resistance – insulation	4.1.1 b)	I240, I120, I90, I60	Pass
Fire resistance – smoke leakage	4.1.1 c)	S240, S120, S90, S60	Pass
Mechanical stability (E class)	4.1.1 a)	-	Pass
Maintenance of the cross section (E class)	4.1.1 a)	-	Pass
Operation time durability:	4.2.1.2.2. 4.2.1.2.3	-	Pass
Reliability:	4.3.3.2	10.000	Pass

8. Additional properties:

Additional characteristics	EN 15650	Performance	Result
Fire resistance classification	4.3.2	EI 240 ($v_e i \leftrightarrow o$) S, EI 120 ($v_e i \leftrightarrow o$) S EI 90 ($v_e i \leftrightarrow o$) S, EI 60 ($v_e i \leftrightarrow o$) S	Pass
Size range		Rectangular damper with horizontal axis of rotation: 200x200 to 1050x1000 [mm]	
Insulation		Vertical rigid standard mounting structure with a thickness of not less than 150mm	
Release and control mechanisms		Rotary actuators with thermoelectric tripping for 24V AC/DC and 230V AC voltage	

Installation	Type of partition	Damper type	Partition thickness
	Solid walls/shafts made of concrete blocks, hollow masonry units	EI 240 (ve i↔o) S	min. 150mm
	Solid walls/shafts	EI 240 (ve i↔o) S	min. 150mm

Release and control mechanisms	
	Comfort ventilation damper actuators supplied with voltage 24V and 230V

The performance of the product identified above is in conformity with the set of declared performance/s (point 7). 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, 21.07.2025

Rev. 3