

## DECLARATION OF PERFORMANCE NO. 002-05-CPR-2015

**1. Unique identification code of the product type:**

Fire damper / valves type mcr ZIPP, with a fire resistance classification according EN 13501-3:2005  
EI 120 (v<sub>e</sub> h<sub>o</sub> o → i) S  
EI 120 (v<sub>e</sub> i → o)  
EI 180 (v<sub>e</sub> o → i) S

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

Fire cut-off valves type mcr ZIPP are designed to be used in comfort (general) ventilation systems at places where these systems terminate or independently in space dividing elements of certain fire resistance class. The valves are to prevent the spread of fire and smoke via ventilation systems.

**3. Manufacturer:**

MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Production Site ul. Kwarцова 3a, Ciepłowo and 380-470.

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

System 1.

En

**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. 1396 FIRES, Osloboditel'ov 282, 059 35 Batizovce, Slovakia.  
Certificate of Constancy of Performance: 1396-CPR-0092.

**7. Declared performance:**

Essential characteristics	EN 15650	Performance	Result
<b>Nominal activation conditions/sensitivity</b>	4.2.1.2		Pass
Sensing element response temperature	4.2.1.2.2.	ISO 10294-4: 2001, pkt 4.2	
Sensing element load bearing capacity	4.2.1.2.3	ISO 10294-4: 2001, pkt 4.2	
<b>Response time/ Closure time</b>	4.2.2.2	<2 minutes	Pass
<b>Operational reliability / Cycling</b>	4.3.1. a)	C50	Pass
<b>Fire resistance – integrity</b>	4.1.1 a)	E120 / E180	Pass
<b>Fire resistance – insulation</b>	4.1.1 b)	EI120 / EI180	Pass
<b>Fire resistance – smoke leakage</b>	4.1.1 c)	EIS120 / EIS180	Pass
<b>Mechanical stability (E class)</b>	4.1.1 a)	-	Pass
<b>Maintenance of the cross section (E class)</b>	4.1.1 a)	-	Pass
<b>Operation time durability:</b>	4.2.1.2.2 4.2.1.2.3	-	Pass
<b>Reliability:</b>	4.3.3.2	-	-

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**Systemy zabezpieczeń przeciwpożarowych**  
**Fire protection systems**

„MERCOR” S.A.  
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**8. Additional properties:**

Additional characteristics	EN 15650	Performance	Result
Fire resistance classification	4.3.2	EI 120 (v <sub>e</sub> h <sub>o</sub> o → i) S	Pass
Fire resistance classification	4.3.2	EI 120 (v <sub>e</sub> i → o)	Pass
Fire resistance classification	4.3.2	EI 180 (v <sub>e</sub> o → i) S	Pass
Size range	round valve, diameters: D100, D125, D160, D200 [mm]		
Installation	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls – min. wall thickness 110 mm, lightweight walls/shafts made of boards – min. thickness 125 mm, structural floors – min. thickness 150 mm		
Release and control mechanisms	type RST or RST+EKI, RST+EKP with electromagnetic trigger.		

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

Gdańsk, 29.11.2022

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Tomasz Kobyliński

Rev. 6

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