

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

- Product name:**  
Fire cut-off valves type mcr ZIPP
- Type, batch or serial No.:**  
A unique serial No. of each damper is provided on the label.
- 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.
- Manufacturer:**  
MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny [Production Site], ul. Kwarцова 3a, Cieplewo
- System of assessment and verification of constancy of performance of the product:**  
System 1
- Construction product covered by the harmonised standard:**  
PN-EN 15650:2010 (EN 15650:2010)
- 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-0097
- Declared performance:**

Essential characteristics	EN 15650:2010	Performance	Result
Nominal activation conditions/sensitivity	4.2.1.2	According to ISO 10294-4: 2001, section 4.2	Pass
	4.2.1.2.2		Pass
	4.2.1.2.3		Pass
Response time/Closure time	4.2.1.3	< 2 minutes	Pass
Operational reliability/Cycling	4.3.1. a)	C50	Pass
Fire resistance – integrity	4.1.1 a)	E120/E180	Pass
Fire resistance – insulation	4.1.1 b)	I120/I180	Pass
Fire resistance – smoke leakage	4.1.1 c)	S120/S180	Pass
Durability of operational reliability	4.3.3.2	not declared	Pass
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	manual mechanism type RST, manual mechanism type RST equipped with an electromagnetic release device ensuring response comfort		

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.



Wojciech Zygmunt  
DYREKTOR ds. PRODUKCJI

Gdańsk, 18.10.2018

Wojciech Zygmunt

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