

DECLARATION OF PERFORMANCE NO. 001-01-CPR-2017

1. Unique identification code of the product type:

Device for mechanical extraction of smoke and heat control systems (axial jet fan) mcr Bora, classification according to EN 13501-4:2016

F₄₀₀120

F₃₀₀ 60

F₂₀₀120

2. Type, batch or serial No.:

A unique serial No. of each fan is provided on the label.

3. Intended use / uses:

Axial smoke jet fans, designed to operate as one or two speed fans in order to remove hot air, smoke and exhaust fumes.

4. Manufacturer:

MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny [Production Site], ul.Kwarcowa 3a, Ciepłowo, Poland.

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

System 1.

6. Construction product covered by the harmonised standard:

EN 12101-3:2015.

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

Notified Body No. 1488, ITB, ul. Filtrowa, 1 00-611 Warszawa, Poland.

Certificate of Constancy of Performance: 1488-CPR-0585/W.

8. Declared performance:

Essential characteristics	Standard in EN 1201-3	Performance
Response delay: - Opening under wind load within a given time - Opening under snow load within a given time	4.1.1 4.1.1	NPD NPD
Operational reliability: - Application categories	4.2.2.	Single/Dual purpose use Thermally uninsulated Installation inside the smoke reservoir Horizontal position work Uncooled with outside air
- Motor rating	4.2.3	H, Δ80K

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Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

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Effectiveness of smoke / hot gas extraction: Pressure maintenance during smoke and heat extraction test	4.3.2	Pass
Resistance to fire	4.4	F ₄₀₀ 120 F ₃₀₀ 60 F ₂₀₀ 120
Ability to open under environmental conditions - Opening under wind load within a given time - Opening under snow load within a given time	4.5 4,5	NPD NPD
Durability of operational reliability	4.6	H, Δ80K

9. Additional properties:

The fan can cooperate with additional equipment:

- Service switch with appropriate fire resistance type WS
- SZ type terminal box
- suspension system with vibration compensation, AM type
- KT type deflectors
- SO type protective mesh

The performance of the product identified above is in conformity with the set of declared performance/s (point 8). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Gdańsk, 2022-12-12



Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ
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Rev. 4

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