

DECLARATION OF PERFORMANCE NR 002-05-CPR-2025

1. Unique identification code of the product type:

Device for mechanical extraction of smoke and heat control systems (axial fan) mcr Monsun T-CCT or mcr Monsun T-CCTX, classification according to EN 13501-4:2016
F₄₀₀120

2. Type, batch or serial No.:

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

3. Intended use / uses:

Axial smoke fans, designed to operate as one or two speed fans in order to remove hot air, smoke and exhaust fumes created in premises during a fire.

4. Manufacturer:

MERCOR Light&Vent Sp. z o.o., ul. Grzegorza z Sanoka 2, 80-408 Gdańsk,
Production plant: 24/32308673.

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. 0370, LGAI Technological Center, S.A. (APPLUS)
Certificate of Constancy of Performance: 0370-CPR-7523.

8. Declared performance:

Essential characteristics	Standard EN	Performance
Response delay:		
- opening under wind load within a given time	4.1.1	NA
- opening under snow load within a given time	4.1.1	NA
Operational reliability:		
- application categories	4.2.2	Dual purpose use Thermally uninsulated Installation outside or inside the smoke reservoir Direct feed or converter Air flow in horizontal direction
- motor rating	4.2.3	NPD
Effectiveness of smoke/ hot gas extraction:		
- gas flow and pressure maintenance during smoke and heat extraction test	4.3.2	[-20, +50] % Pass

Resistance to fire:	4.4	F ₄₀₀ 120
Ability to open under environmental conditions:		
- opening under wind load within a given time	4.5	NA
- opening under snow load within a given time		NA
Durability of operational reliability:	4.6	NPD

9. Additional properties:

The fan can cooperate with additional equipment:

- External connection box,
- Silencers,
- Support feets
- Flexible connections
- Counter flanges
- Shock absorbers
- Start-stop servis switch
- Converters

Models marked mcr Monsun T-CCTX are ATEX compliant (ending "X")

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.


Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ
Tomasz Kobyliński

Gdańsk, 2025-07-21

Rev. 2