



Fire Safety Certification Product Approval

LGAI Technological Center S.A. (APPLUS), according to the requirements of the SPC-102 Ed. 8, certifies the performances stated in the technical annex following the reference standard for:

COMPANY

Mercor Light & Vent SP. Z.o.o.

Ul. Grzegorza Z Sanoka 2
80-408 Gdansk (Poland)

Manufactured

Street Kwarцова 3
83-031 Cieplewo (Poland)

PRODUCT

MCR-PROLIGHT

STANDARD REFERENCE

EN 12101-2:2003

Smoke and heat control systems. Part 2: Specification for natural smoke and heat exhaust ventilators

PRODUCT DETAILS AND TEST REPORT

Please check at the technical annex file and the test reports nº FR-104-09-AUNE, FR 082/05 CPS (E) and FR-026-12-AUNE

This document is not valid without its technical annex; whose number coincides with that of the certificate.

No. APF-1959

Date issued: 06/06/2025

First issue date: 20/05/2022

Modification date: 06/06/2025

Validate date: 31/05/2026



Xavier Ruiz Peña
Managing Director
Conformity Assessment



LGAI Technological Center S.A. (APPLUS)
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)



Check the status
of this certificate

Certificate

Technical Annex

Annex according to EN 12101-2:2003

Smoke and heat control systems. Part 2: Specification for natural smoke and heat exhaust ventilators.

Certified performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Nominal activation conditions/sensitivity	4.1 4.2	NA
Response relay (time relay)	7.1.2	NA
Operational reliability	7.1 7.4	NA
Effectiveness of smoke/hot gas extraction	6.	NA
Aerodynamic free surface	6.	NA
Performance parameters under fire conditions	7.5	30
Resistance to fire - Mechanical stability	7.5	B ₃₀₀
Ability to open under environmental conditions	7.2 7.3	NA
Fire reaction	7.5.2.1	NA

PASS; NPD = No Performance Determined; NA = Not Applicable

Product

Natural smoke and heat exhaust ventilator (NSHEV) "MCR-PROLIGHT".

Product range models:

Model	Actuator		Dimensions (width x length)
	Type	Reference	
MCR PROLIGHT Type E 180/250	Electric	SG80P/25-1050-8-2,5-4x NS	1937 x 2637 mm
MCR PROLIGHT type C 180	Electric	type SG80P/25-1050-8-2,5-4x NS	1937 x 1937 mm
MCR PROLIGHT Type DVP 300 x 300	Pneumatic	PUAV50	3200 x 3200 mm
MCR PROLIGHT Type NG-A 200/300	Pneumatic	PUAV 63/25-1050-10-12/6	2037 x 3037 mm

Smaller dimensions are allowed.

For smaller dimensions, its assembly, configuration and actuators shall be the same than the bigger dimensions.