

Constancy of Performance Certificate

LGAI Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

APPLICANT

Placed on the market under the name of

Alvene

ZA La Montignette, Rue des Libérateurs de 1944
80260 Villers Bocage (France)

Produced at the manufacturing plant

ZA La Montignette, Rue des Libérateurs de 1944
80260 Villers Bocage (France)

PRODUCT

Smoke and heat control systems. Ventilators

Product Range: EMMOS F400 ⁽¹²⁰⁾

APPLICABLE REGULATION

Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 12101-3:2015

Under **system 1** for the performance set out in this certificate are applied and the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

No. 0370-CPR-2263

Date issued: 06/02/2026

First issue date: 15/01/2016

Follow-up date: before 31/12/2026

The validity of this certificate remains in effect as long as the harmonised standard, the construction product, the AVCP methods, and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.

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



Xavier Ruiz Peña
Managing Director
Conformity Assessment

Applus⁺
certification

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08193 Bellaterra, Barcelona (Spain)



Check the status
of this certificate

Certificate

Technical Annex

Annex according to EN 12101-3:2015

Smoke and heat control systems. Part 3: Specification for powered smoke and heat control ventilators (fans)

Certified performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Response delay - Opening under wind load within a given time; - Opening under snow load within a given time.	4.1.1	NA
		NA
Operational reliability - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> Thermally uninsulated Direct feed Dual purpose use
		4.2.3
Effectiveness of smoke/hot gas extraction: - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	[-10; +25] %
Resistance to fire	4.4	F400(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	NA
		NA
Durability of operational reliability	4.6	F 80K

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

Product

1.- Application:

- Extractor tested outside the furnace.
- Extractor F400 (120).
- Dual use.
- To use outside the smoke reservoir.
- Horizontal/vertical airflow for input and output.

2.- Characteristics:

- Motor: WEG
- Rated Frequency motor: 50 Hz.
- Rated Voltage motor: 400 V.

3.- Accessories:

- Reject Kit vertical
- Switch isolator T03, Moeller (mounted optional wired, certified F400, CR1 wiring)
- Reject Kit horizontal equipped with a non-return valve
- Reject Kit horizontal equipped with kit to block 3 of 4 faces

The complete technical data of the certified range **EMMOS F400 (120)** are detailed in the technical file and the reports 11-E-480, 11-E-484, 11-E-488, 11-E-633, 11-E-635 and 11-F-285 (Models 040, 050, 063 & 080).