

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

Maico Italia, S.r.l.

Via Maestri Del Lavoro, 12
25017 Lonato - Brescia (Italia)

Produced in the manufacturing plant

Via Maestri Del Lavoro, 12
25017 Lonato - Brescia (Italia)

PRODUCT

Smoke and heat control systems. Ventilators (fans)

Range: DYNAIR CC-SHT F400 ₍₁₂₀₎ & ELICENT CMP-SHT 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.

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

No. 0370-CPR-1359

Date issued: 15/09/2025

First issue date: 20/07/2012

Follow-up date: before 31/07/2026

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the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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

LGAI Technological Center S.A. (APPLUS)
Notified Body No. 0370
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 12101-3:2015

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. ▪ Installation inside and outside smoke reservoir |
| | 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] % |
| Resistance to fire | 4.4 | F ₄₀₀ (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 | NPD |

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

Product

1.- Application:

- The fan tested inside the furnace.
- Fan F400. Test during 120 minutes.
- Dual use.
- Inlet airflow and outlet airflow in horizontal direction.

3.- Accessories:

- An external terminal box.
- A circular sound attenuator of galvanized steel partially filled with acoustic material in mineral wool.

4.- Additional accessories:

- External terminal box.
- Service Switch.
- Antivibration supports DMHS.
- Extension with inspection door CCpro.
- Inlet cone CCbo.
- High temperature flexible joint CCga-HT.
- Flat protection grid CCr.
- Support feet CCst.
- Counterflange CCf.
- Counterflange with collar CCfc.
- Cylindrical silencers CCsa CCsb.
- Roof Cover TAH KIT METAL.
- Damper BDD.

2.- Characteristics:

- Motor: WEG motor (IE1 Standard Efficiency-Cl 1) and MARAZ:
 - 400 V (from 360 V to 440 V).
 - Motor size from 80 to 160L.
 - Motor frequency rated 50 Hz.
 - Motor power from 0.19 to 15 kW.
 - 4, 6 poles
- Fan size from 310 to 1000.

The complete technical data of the certified models **DYNAIR CC-SHT F400 & ELICENT CMP-SHT F400** are detailed in the technical file and the range report n° 12/5112-1347 & 22/32300920.