

## 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: TC HT F400 <sup>(120)</sup>

### 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-1356

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the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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<sup>+</sup> 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"> <li>▪ Thermally uninsulated.</li> <li>▪ Direct feed.</li> <li>▪ Dual purpose use.</li> <li>▪ Installation outside smoke reservoir</li> </ul>
	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 <sub>400</sub> (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:

- Fans tested outside the furnace.
- Fan F400 tested during 120 min.
- Fan tested in vertical position.
- Inlet and outlet air flow in vertical direction.
- Dual use.

### 3.- Accessories:

- A protection grid made of epoxy painted iron rods.
- Cover on the fan's head made of steel.
- Inlet motor cooling duct made of steel to cover the fan's electric cables.

### 4.- Additional accessories:

- Service Switch.

### 2.- Characteristics:

- Motor: Elektropol Cantoni or Motive:
  - Rated voltage: 400 V (from 360 V to 440 V) or 230 V (from 206 V to 253 V).
  - 4, 6 poles.
  - Motor frequency rated 50 Hz.
  - Motor power from 0.25 to 33 kW.
  - Motor size from 71 to 132.
- Fan size from 310 to 450.

The complete technical data of the certified range **TC HT F400** are detailed in the technical file and the range report n°14/7983-95 & 22/32300920.