

## 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 TA-HT F400 <sup>(120)</sup> & ELICENT TIF-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.

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-2937

Date issued: 15/09/2025

First issue date: 09/03/2018

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the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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>▪ To use inside and outside a smoke reservoir.</li> <li>▪ Horizontal/vertical direction of the motor shaft.</li> <li>▪ Converter/direct feed.</li> <li>▪ Dual purpose use</li> </ul>
		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	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:

- Extractor tested outside and inside the furnace.
- Extractor F400 (120). Tested during 120 minutes.
- Tested in horizontal and vertical direction of motor shaft.
- Dual use.
- Reversible airstream (tested with motor upstream and downstream)

### 2.- Characteristics:

- W22 High Efficiency, IE2, IE3, IE4 F400 by WEG:
  - Sizes: from 80L to 280.
  - Power: up to 75 Kw.
  - 50 Hz: 2, 4, 6, 8 poles
  - 60 Hz: 4, 6, 8 poles
  - 400/690 V
- Fan diameters from 400 mm to 1600 mm.

### 3.- Accessories:

- External terminal box with reference GW76262, GW76265, GW76266 from Gewiss.
- Silent blocks with reference KBE 22K 9.6 (tested on test 17/14444-1698).
- Metal cowl with reference TAH 710 (tested on test 19/19650-1648).
- Pitch lock 30° - 710 placed between hubs (tested on test 19/19650-1648).
- Gravity shutter with reference BDD-400 by MAICO.
- Frequency converter:
  - Reference VFD4A2MS43AFSAA by DELTA (tested on test 23/32301208).
  - Reference ACS800-07-1500-7 + F260+K458+P920 (tested on test 23/32305374).
- Silencer by MAICO (tested on test 23/32301208).
- Flow deflector by MAICO (tested on test 23/32301208).
- Metallic tube reference SVT by TEAFLEX (tested on test 23/32301208).
- Connexion box Alu verniciate by Legrand (tested on test 23/32301208).

### 4.- Additional accessories:

- External terminal box
- Service Switch
- Antivibration supports DMHS
- Inlet cone CCbo
- High temperature flexible joint CCga-HT
- Flat protection grid CCr
- Support feet CCst
- Counterflange CCf
- Counterflange with collar CCfc
- Roof Cover TAH KIT METAL
- Sine wave filters FN 5040/FN 5045.\*
- Damper BDD
- Outlet terminal CCot

The complete technical data of the certified product **DYNAIR TA-HT F400 & ELICENT TIF-HT F400** are detailed in the technical file and the range report n° 23/32304567 & 22/32300920.