



Notified Body No. 0370

# CERTIFICATE



No. **0370-CPR-2399**

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**SMOKE AND HEAT CONTROL SYSTEMS. PART 3: SPECIFICATION FOR POWERED SMOKE AND HEAT CONTROL VENTILATORS (FANS)**

RANGE: **DYNAIR CC-JD LP HT F300** <sup>(60)</sup> & **ELICENT CMP-JD LP HT F300** <sup>(60)</sup>

RANGE: **DYNAIR CC-JD/R LP HT F300** <sup>(60)</sup> & **ELICENT CMP-JD/R LP HT F300** <sup>(60)</sup>

Place on the market under the name of:

**MAICO ITALIA, S.P.A.**

VIA MAESTRI DEL LAVORO, 12  
25017 LONATO - BRESCIA (ITALIA)

And produced in the manufacturing plant:

VIA MAESTRI DEL LAVORO, 12  
25017 LONATO - BRESCIA (ITALIA)

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 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 15<sup>th</sup> April 2016 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed and modified on 6<sup>th</sup> June 2019.

**The monitoring assessment will be done before July 2020**

Bellaterra, 6th June 2019

  
**Applus<sup>+</sup>**  
LGAi Technological Center, S.A.  
Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



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

## TECHNICAL ANNEX 0370-CPR-2399

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## PRODUCT

- Fan tested inside the furnace
- Fan F<sub>300</sub> 60 (120 minutes tested)
- Fan tested in horizontal position
- Fan tested with motor W22 brand WEG F300 at 50 and 60 Hz.
- Dual use
- Fan tried with the incoming air flow in the horizontal direction and the airflow in the horizontal direction.
- Kind of snow: SL0
- Kind of wind: NA
- The complete technical data of the certified range are detailed in the technical file and in the range report nº 16/11188-1941 -1
- Accessories included:
  - External terminal block supplied by Maico.
  - Fan protection grid
  - Fan deflector
  - Silencers on both sides of the fan, both circular and octagonal.
  - "Digidrive SK3403 SK 33T" frequency converter by Leroy Somer
  - Ceiling mounting structure by Maico Italia.

Notes: The fan was tested at 300°C during 2 hours

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
<b>Response delay</b> - Opening under wind load within a given time; - Opening under snow load within a given time.	4.1.1	NA
		NA
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	• Thermally uninsulated • Direct/converter feed • Dual purpose use
	4.2.3	NPD
<b>Effectiveness of smoke/hot gas extraction:</b> - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	+/-20% (P <sub>S</sub> )
<b>Resistance to fire</b>	4.4	F300 (60)
<b>Ability to open under environmental conditions</b> - Opening under wind load within a given time; - Opening under snow load within a given time.	4.5	NA
		NA
<b>Durability of operational reliability</b>	4.6	NPD

PASS; NPD = No Performance Determined, NA = Not Apply



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**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

CC-JD/R LP HT, CMP-JD/R LP HT F300 RANGE CC-JD LP, CMP-JD LP F300 RANGE				
FAN MODEL	ENGINE DIMENSION	POWER	POLARITY	FREQUENCY
CC-JD/R LP HT 312 CMP-JD/R LP HT 312 CC-JD LP 312 CMP-JD LP 312	80	0.8/0.2 kW	2/4	50 Hz e 60 Hz
CC-JD/R LP HT 352 CMP-JD/R LP HT 352 CC-JD LP 352 CMP-JD LP 352	80	1,1/0,25 kW	2/4	50 Hz e 60 Hz
CC-JD/R LP HT 402 CMP-JD/R LP HT 402 CC-JD LP 402 CMP-JD LP 402	90	1,5/0,37 kW	2/4	50 Hz e 60 Hz