



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-1149**

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 HT F300** ⁽⁶⁰⁾ & **ELICENT CMP-JD HT F300** ⁽⁶⁰⁾

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

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 25th February 2011 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 6th June 2019.

The monitoring assessment will be done before July 2020

Bellaterra, 6th June 2019


Applus⁺
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-1149

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PRODUCT

- Fans tested inside the furnace
- Fan F300 -120 min
- Fans tested in a horizontal position
- Dual use
- Fans tested with motor Weg F300 2 hours.
- Tested to 50 and 60 Hz and 400V
- Kind of snow: Not apply
- The complete technical data of the certified range are detailed in the technical file and the range report nº 16/11188-1941-1.
- The range incorporates as accessory:
 - 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.
- Summary list of fire-resistant axial extractors:

RANGE: **DYNAIR CC-JD HT F300** (60) & **ELICENT CMP-JD HT F300** (60)

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

* Note: (The fans have been tested at 300 °C / 2 hours)

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	NPD
Effectiveness of smoke/hot gas extraction: - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	+/-20% (P _S)
Resistance to fire	4.4	F300(60)
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 Apply



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RANGE CC-JD/R HT, CMP-JD/R HT F300 RANGE CC-JD HT, CMP-JD HT F300				
FAN MODEL	ENGINE DIMENSION	POWER	POLARITY	FREQUENCY
CC-JD/R HT 312 CMP-JD/R HT 312 CC-JD 312 CMP-JD 312	80	0.8/0.2 kW	2/4	50 Hz e 60 Hz
CC-JD/R HT 352 CMP-JD/R HT 352 CC-JD 352 CMP-JD 352	80	1,1/0,25 kW	2/4	50 Hz e 60 Hz
CC-JD/R HT 402 CMP-JD/R HT 402 CC-JD 402 CMP-JD 402	90	1,5/0,37 kW	2/4	50 Hz e 60 Hz
CC-JD/R HT 454 CMP-JD/R HT 454 CC-JD 454 CMP-JD 454	80	0.55 kW	4	50 Hz

