



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-1916**

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 JET FAN CC-JD HT F300** (60) & **ELICENT CMP-JD 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 21st November 2014 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 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-1916

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PRODUCT

- Fan tested inside the furnace
- Fan F300-60 min (120 minutes tested)
- Fans tested with Maraz or Weg motor F300
- It is tested with the inlet air’s flow in horizontal direction and outlet air’s flow in horizontal direction.
- Fans tested to 50 Hz and 400V
- Kind of snow: SL0
- Dual use
- The complete technical data of the certified range are detailed in the technical file and in the range report nº 14/5112-249

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% (Ps)
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

Note: The extractors are been tested at 300°C during 2 hours

- Summary list of fire-resistant extractors:



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CC-JD, CMP-JD F300 Range (with Maraz or Weg motors)			
FAN MODEL	MOTOR SIZE	POWER	NOMINAL VELOCITY
CC-JD HT 310 CMP-JD HT 310	80	0.75/0.19 kW	2900/1450 rpm
		0.75 kW	2900 rpm
		0.55 kW	1450 rpm
CC-JD HT 350 CMP-JD HT 350	80	0.75/0.19 kW	2900/1450 rpm
		0.75 kW	2900 rpm
		0.55 kW	1450 rpm
CC-JD HT 400 CMP-JD HT 400	90S	1.5/0.37 kW	2900/1450 rpm
	80	1.5 kW	2900 rpm
		0.55 kW	1450 rpm
CC-JD HT 450 CMP-JD HT 450	90L	2.2/0.5 kW	2900/1450 rpm
	80	2.2 kW	2900 rpm
		0.55 kW	1450 rpm
CC-JD HT 500 CMP-JD HT 500	90S	1.1 kW	1450 rpm
	80	0.75 kW	
		0.55 kW	960 rpm
		0.37 kW	
CC-JD HT 560 CMP-JD HT 560	90L	1.5 kW	1450 rpm
	90S	1.1 kW	
	80	0.75 kW	960 rpm
		0.55 kW	
		0.37 kW	



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FAN MODEL	MOTOR SIZE	POWER	NOMINAL VELOCITY	
CC-JD HT 630 CMP-JD HT 630	100L	2.2 kW	1450 rpm	
	90L	1.5 kW		
	90S	1.1 kW		
		0.75 kW	960 rpm	
	80	0.55 kW		
		0.37 kW		
CC-JD HT 710 CMP-JD HT 710	100	3.0 kW	1450 rpm	
		2.2 kW		
	90L	1.5 kW	960 rpm	
	90S	0.75 kW		
	80	0.55 kW		
		0.37 kW		
CC-JD HT 800 CMP-JD HT 800	132S	5.5 kW	1450 rpm	
	112	4.0 kW		
	100	3.0 kW		
		1.5 kW	960 rpm	
	90L	1.1 kW		
	90S	0.75 kW		
CC-JD HT 900 CMP-JD HT 900	160M	11 kW	1450 rpm	
	132M	7.5 kW		
	132S	5.5 kW		
	112	4.0 kW		
	132S	3.0 kW	960 rpm	
		112		2.2 kW
		100		1.5 kW

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FAN MODEL	MOTOR SIZE	POWER	NOMINAL VELOCITY
CC-JD HT 1000 CMP-JD HT 1000	160M	15 kW	1450 rpm
		11 kW	
	7.5 kW		
	132M	5.5 kW	960 rpm
		4.0 kW	
		3.0 kW	
132S			

