



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-1739**

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-HT F400** ⁽¹²⁰⁾ & **ELICENT CMP-HT F400** ⁽¹²⁰⁾

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 23rd May 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-1739

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1.- Application:

- Ventilator tested inside the oven in a horizontal position.
- F400 fan (120).
- Dual use.
- Air inlet and outlet in horizontal direction.

2.- Characteristics:

- Weg "W22 Smoke Extraction" motor from size 80 to 225 up to 45 KW with frequency of 50 and 60 Hz with TEFC / TEAO configuration.
- Maraz "MK series" engine from size 80 to 180 up to 22 KW with frequency of 50 Hz and 60 Hz DOL only from 4 poles or higher, TEFC / TEAO configuration.

3.- Accessories:

- "CCSA" circular silencer in galvanized steel partially acoustically insulated with mineral wool "MCHboard D5" Knauf.
- Maico and ILME terminal boxes.
- "CFW701" WEG frequency converter.
- Flexible connection made of "Promaflex G" Promat fiberglass.

The complete technical data of the **DYNAIR CC-HT F400(120) & ELICENT CMP-HT F400(120)** range are described in the report nº 18/16478-259.

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/converter 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	F400(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

