



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-1357**

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: **PRQ - 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 20th July 2012 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-1357

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Fan tested outside the furnace
- Fan F400 -120 min
- Fan tested in horizontal position
- Dual use
- Fans tested with AEG/LAFERTMOTORS motor, Cantoni motor, Motive motor
- Fans tested to 50 Hz and 400V
- Horizontal air flow inlet and vertical air flow outlet
- Kind of snow: SL0
- The complete technical data of the certified range are detailed in the technical file and in the range report nº 14-7983-94

- Summary list of fire-resistant axial s extractors: PRODUCT RANGE **PRQ - HT F400 (400°/120min)**:

FAN	DIAMETER IMPELLER (MM)	POLES	MOTOR SIZE - KW
PRQ-HT 354	404	4 poles	GR,71 - 0,25kW
PRQ-HT 404	455	4 poles	GR,80 - 0,55kW
PRQ-HT 454	455	4 poles	GR,80 - 0,75kW
PRQ-HT 456	455	6 poles	GR,80 - 0,37kW
PRQ-HT 504	504	4 poles	GR,90 - 1,1kW
PRQ-HT 506	504	6 poles	GR,80 - 0,37kW
PRQ-HT 566	564	6 poles	GR,80 - 0,55kW
PRQ-HT 636	636	6 poles	GR,90 - 1,1kW



TECHNICAL ANNEX 0370-CPR-1357

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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	F400(6120)
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

