



Notified Body No. 0370

CERTIFICATE



No.

0370-CPR-3303

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)

PRODUCT RANGE: **DJF**

Place on the market under the name of:

DE CARDENAS FANS & SERVICE, S.r.l.

VIA LEGA LOMBARDA, 127
20862 ARCORE (MB) ITALY

And produced in the manufacturing plant:

VIA LEGA LOMBARDA, 127
20862 ARCORE (MB) ITALY

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 22nd March 2019 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 3rd April 2020.

The monitoring assessment will be done before March 2021

Bellaterra, 3rd April 2020


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.

You can check the validity of this certificate into our website at: <https://apps.applus.com/microsites/microsites/FECIP/login>

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CERTIFIED PERFORMANCES

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. • To use inside/outside smoke reservoir. • 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	F ₄₀₀ (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

PRODUCT

1.- Application:

- Extractor tested inside the furnace.
- Extractor F400 (120).
- Dual use.
- Horizontal direction of the motor shaft.
- Inlet and outlet air flow in horizontal direction.

2.- Characteristics:

- Motor: "FLSHT" F400 type, IE2 motors by Nidec Leroy Somer.
- Rated Frequency motor: 50 Hz (Also valid for 60 Hz D.O.L. in models with 4p polarity or greater number of poles).

3.- Accessories:

- Mounting brackets.
- Two silencers made up of steel placed at the inlet and the outlet side of the fan with code "SLZ0003".
- Protection grid made up of steel placed at the ends of the silencers with code "RPT0002".
- Anti-vibration springs.
- Safety chains.
- Motor junction box.
- Auxiliary junction box.

The complete technical data of the certified range **DJF** are detailed in the technical file and the range report nº 19/18970-622-1 M1.