



Notified body N° 0370



CERTIFICATE

Nr.

0370-CPR-0966

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 EXHAUST VENTILATORS: PRODUCT RANGE CVST F400₁₂₀

Produced by:

SOLER Y PALAU SISTEMAS DE VENTILACIÓN, S.L.U.
C/ LLEVANT, 4
08150 PARETS DEL VALLÈS (BARCELONA)

And produced in the manufacturing plant:

VENTILADORES CHAYSOL, S.A.
AVDA. ALCOTANES, 45 - P.I. "EL CASCAJAL"
28320 PINTO (MADRID)


This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 12101-3:2002, EN 12101-3:2002/AC:2005

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 25th June 2010 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 7th February 2014.

Bellaterra, 7th February 2014


LGAI Technological Center, S.A.

Jordi Brufau Redondo
General Manager


LGAI Technological Center, S.A.

Xavier Ruiz Peña
Product Conformity B.U., Managing Director



This document is not valid without its technical annex, whose number coincides with the number of certificate.

TECHNICAL ANNEX

0370-CPR-0966

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Extractor tested outside the furnace
- Extractor F₄₀₀ -120 min
- Dual use
- Extractors tested with Leroy Sommer Motor standard
- Kind of snow: not applicable
- The complete technical data of the certified range are detailed in the technical file and in the range report nº 10/100522-2227.

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Response delay	6.4 & 6.5.2.	NA
Operational reliability	6.7	NA
Effectiveness of smoke/hot gas extraction Performance parameters under fire conditions	6.1, 6.2, 6.3 & 6.8	F400(120)
Resistance to fire: - Smoke leakage - Mechanical stability	6.1.2	PASS
Ability to open under environmental conditions	6.4	NA
	6.5.1	SL0
	6.6	NA

Note: According to the annex A2 of the test standard UNE EN 12101-3, other motor brand different from the brand specified in this certificate could be used, since the motor is out of the draft and the impeller is assembled on the motor axis. The new motor shall have the same kind of insulation, type of bearing, type of bearings, type of assembly, the same synchrony speed and nominal capacity as the one tested.

- Summary list of CVST F400₁₂₀ fire resistant centrifugal fans: (ought to the fact that the fan transmission is carried out by means of pulleys and belts that allow countless combinations of speed relations, only maximum and minimum power and speed limits are indicated for each model. This covers the smaller size of the motor and the maximum rotation speed for each model).

PASS; NPD = No Performance Determined; NA = Not Applicable

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