



Notified body N° 0370



# CERTIFICATE

Nr.

0370-CPR-0753

## 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 CHAT F400<sub>120</sub>**

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 5<sup>th</sup> December 2008 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 7<sup>th</sup> February 2014.

Bellaterra, 7<sup>th</sup> February 2014

LGAI Technological Center, S.A.

Jordi Brufau Redondo  
General Manager

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-0753**

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**PRODUCT**

- Extractor tested inside of the furnace
- Extractor F<sub>400</sub> -120 min
- Dual use
- 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 08-32312213.

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

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

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**TECHNICAL ANNEX      0370-CPR-0753**

Summary list of fire-resistant centrifugal extractors: **CHAT F400<sub>120</sub>**

EXTRACTOR	MOTOR BRAND	MOTOR SIZE	MOTOR SPEED (Nº POLES)
CHAT/4-400	WEG	80	4
	LEROY SOMER	80	4
CHAT/4-500	WEG	90	4
	LEROY SOMER	90	4
CHAT/4-560	WEG	100	4
	LEROY SOMER	100	4
CHAT/6-560	WEG	90	6
	LEROY SOMER	90	6
CHAT/6-630	WEG	100	6
	LEROY SOMER	100	6
CHAT/6-710	WEG	112	6
	LEROY SOMER	112	6
CHAT/6-800	WEG	132	6
	LEROY SOMER	132	6
CHAT/4/8-400	WEG	80	4/8
	LEROY SOMER	80	4/8
CHAT/4/8-500	WEG	90	4/8
	LEROY SOMER	90	4/8
CHAT/4/8-560	WEG	100	4/8
	LEROY SOMER	100	4/8
CHAT/6/12-560	WEG	100	6/12
	LEROY SOMER	100	6/12
CHAT/6/12-630	WEG	100	6/12
	LEROY SOMER	100	6/12
CHAT/6/12-710	WEG	112	6/12
	LEROY SOMER	112	6/12
CHAT/6/12-800	WEG	132	6/12
	LEROY SOMER	132	6/12

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