



Notified body N° 0370



CERTIFICATE

Nr.

0370-CPR-0673

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 TJHT F300₆₀

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:

SOLER Y PALAU INDUSTRIES, S.L.U.
CTRA. PUIGCERDA, KM. 108
17500 RIPOLL (GIRONA)

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 28th November 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 7th February 2014.

Bellaterra, 7th February 2014


Applus⁺
LGAI Technological Center, S.A.

Jordi Brufau Redondo
General Manager


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LGAI Technological Center, S.A.

Xavier Ruiz Peña
Product Conformity B.U., Manager



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

TECHNICAL ANNEX

0370-CPR-0673

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Extractor tested inside of the furnace
- Extractor F₃₀₀ - 60 min
- Extractor tested horizontal position
- Extractors tested with motor F300 1h trademark Leroy Somer LSHT F300 -60
- Extractors tested with motor F300 2h trademark Leroy Somer LSHT F300-120 and Weg (TEAO V2)
- Extractors tested upstream and downstream airflow
- Tested at 400 V and 50 Hz
- Dual use
- Kind of snow: Not apply
- The complete technical data of the certified range are detailed in the technical file and the range report n° 11/2574-552M1
- Accesories:
 - Silencers with and without bulb.
 - Suction defenses carbon steel.
 - Switches off-on Fprotec trademark GAVE.
 - External terminal block box trademark NPF with terminal block trademark WEDOCOM
 - Box and terminal block trademark WEG
 - Deflectors

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	F300(60)
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

- Summary list of fire-resistant centrifugal extractors TJHT:

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MOTOR 1 SPEED 300°C/2H TRADEMARK WEG

TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2-315/41	1,1Kw IEC80 0,75Kw IEC80	2-355/41	1,1Kw IEC80	2-400/41	1,5Kw IEC90S	2-450/41	2,2kw IEC90L	2-500/41	4,0Kw IEC112M
TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR						
2-560/41	7,5Kw IEC132S	2-630/41	15,0Kw IEC160M						

MOTOR 2 SPEED 300°C/2H TRADEMARK WEG

TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2/4-315/41	1,1/0,25Kw IEC80 0,8/0,2Kw IEC80	2/4-355/41	1,1/0,25Kw IEC80	2/4-400/41	1,5/0,37Kw IEC90S	2/4-450/41	2,2/0,5Kw IEC90L	2/4-500/41	4,4/1,1Kw IEC112M
TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR						
2/4-560/41	8/2Kw IEC132M	2/4-630/41	16/4Kw IEC160L						

TECHNICAL ANNEX 0370-CPR-0673

MOTOR 1 SPEED 300°C/2H TRADE-MARK LEROY SOMER

TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2-315/41	1,1Kw IEC80L 0,75Kw IEC80L	2-355/41	1,1Kw IEC80L	2-400/41	1,5Kw IEC90SL	2-450/41	2,2kw IEC90L	2-500/41	4,0Kw IEC112MG
TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2-560/41	7,5Kw IEC132SM	2-630/41	15,0Kw IEC160MR	2/4-400/41	1,5/0,25Kw IEC90L	2/4-450/41	2,2/0,37Kw IEC100L	2/4-500/41	4,0/0,75Kw IEC112MU
TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2/4-315/41	1,1/0,18Kw IEC80L 0,75/0,12Kw IEC80L	2/4-355/41	1,1/0,18Kw IEC90S	2/4-400/41	1,5/0,25Kw IEC90L	2/4-450/41	2,2/0,37Kw IEC100L	2/4-500/41	4,0/0,75Kw IEC112MU
TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2/4-560/41	7,5/1,5Kw IEC132M	2/4-630/41	19/4,5Kw IEC160L	2/4-400/41	1,5/0,25Kw IEC90L	2/4-450/41	2,2/0,37Kw IEC100L	2/4-500/41	4,0/0,75Kw IEC112MU

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MOTOR 1 SPEED 300°C/7H TRADEMARK LEROY SOMER

TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2-315/41	0,75Kw IEC80L	2-355/41	1,1Kw IEC80L	2-400/41	1,5Kw IEC90SL	2-450/41	2,2KW IEC90L	2-500/41	4,0Kw IEC112MG

TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR
2-560/41	7,5Kw IEC132SM	2-630/41	15,0Kw IEC160MR

MOTOR 2 SPEED 300°C/7H TRADEMARK LEROY SOMER

TYPE JETFAN-315	TYPE MOTOR	TYPE JETFAN-355	TYPE MOTOR	TYPE JETFAN-400	TYPE MOTOR	TYPE JETFAN-450	TYPE MOTOR	TYPE JETFAN-500	TYPE MOTOR
2/4-315/41	0,75/0,12Kw IEC80L	2/4-355/41	1,1/0,18Kw IEC90S	2/4-400/41	1,5/0,25Kw IEC90L	2/4-450/41	2,2/0,37Kw IEC100L	2/4-500/41	4,0/0,75Kw IEC112MU

TYPE JETFAN-560	TYPE MOTOR	TYPE JETFAN-630	TYPE MOTOR
2/4-560/41	7,5/1,5Kw IEC132M	2/4-630/41	19/3,7Kw IEC160M



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SMOKE AND HEAT CONTROL SYSTEMS. PART 3. SPECIFICATION FOR POWERED SMOKE AND HEAT EXHAUST VENTILATORS: PRODUCT RANGE TJHT F400₁₂₀

Produced by:

SOLER Y PALAU SISTEMAS DE VENTILACIÓN, S.L.U.
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General Manager


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



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TECHNICAL ANNEX 0370-CPR-0672

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Extractor tested inside the furnace
- Extractor F₄₀₀ - 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 08/32311849

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	SLO
	6.6	NA

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



LGAI Technological Center, S.A. N.I.F. A63207492

TECHNICAL ANNEX 0370-CPR-0672

Summary list of fire resistant axial extractor PRODUCT RANGER TJHT F400₁₂₀

EXTRACTOR	MOTOR BRAND	MOTOR SIZE	MOTOR SPEED (Nº POLES)
TJHT315-6	WEG	80	2 – 2/4
	LEROY SOMER	80	2 – 2/4
TJHT355-6	WEG	80	2 – 2/4
	LEROY SOMER	80 – 90	2 – 2/4
TJHT400-6	WEG	90	2 – 2/4
	LEROY SOMER	90	2 – 2/4
TJHT450-6	WEG	90	2 – 2/4
	LEROY SOMER	90 – 100	2 – 2/4
TJHT500-6	WEG	112	2 – 2/4
	LEROY SOMER	112	2 – 2/4
TJHT560-6	WEG	132	2 – 2/4
	LEROY SOMER	132	2 – 2/4
TJHT630-6	WEG	160	2 – 2/4
	LEROY SOMER	160	2 – 2/4



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