



Notified body N° 0370



CERTIFICATE

Nr.

0370-CPR-1585

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: AXIAL JET FAN, AIR-J-U F300⁽⁶⁰⁾

Produced by:

**AIRONN HAVALANDIRMA VE KLIMA SISTEMLERİ SANAYİ DIŞ TICARET LTD. ŞTİ.
NECİP FAZIL MAH. ALEMDAĞ CAD. No: 906
ÜMRANIYE-İSTANBUL (TURKEY)**

And produced in the manufacturing plant:

**AIRONN HAVALANDIRMA VE KLIMA SISTEMLERİ SANAYİ DIŞ TICARET LTD. ŞTİ.
BARIŞ MAH. 1802. SOKAK No: 3
TUBITAK KARŞISI GEBZE-KOCAELI (TURKEY)**

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 16th August 2013 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.

Bellaterra, 16th August 2013

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., Managing Director



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

TECHNICAL ANNEX 0370-CPR-1585

CERTIFICATE OF CONSTANCY OF PERFORMANCE

PRODUCT

- Fan tested inside the furnace
- Fan F₃₀₀ -60 min (Note: The fans have been tested at 300 °C for 2 hours)
- Fans tested with horizontal inlet and outlet airflow in horizontal direction
- Fans tested with Leroy Somer F300 motors for 2hours
- Dual use
- Fans tested at 400 V, 50 Hz
- Snow class: No applicable
- Complete technical data of the certified range is detailed in the Technical File and in the range report nº 13/5402-2617
- Accessories:
 - Metallic protection grid at the inlet of the fan;
 - Wrapping, both silencers, and the terminal box are placed inside the wind box;
 - External terminal box model Akuple Metal BuatFlow;
 - Flow straightener at the outlet of the fan.
- Summary list of the axial fans with resistance to fire **AIR-J-U** :

AIR-J-U RANGE (with Leroy Somer motors)				
MODEL FAN	POWER	MOTOR SIZE	IMPELLER VELOCITY	POLARITY
315	0,75/0,12 kW	80	3000rpm	2/4 poles
355	1,5/0,25 kW	90		
400	2,2/0,37 kW	100		
500	3/0,55 kW	100		

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