



Notified Body nr. 0370

# CERTIFICATE



No.

0370-CPR-0347

## 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 **MAX-TEMP CTHB/CTHT & CTVB/CTVT 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:

**17/32301816 (EUROPE)**

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 12101-3:2015**

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

This certificate was first issued on 28<sup>th</sup> September 2005 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 24<sup>th</sup> November 2017.

**The monitoring assessment will be done before November 2018**

Bellaterra, 24<sup>th</sup> November 2017

 Applus<sup>+</sup>

LGAI Technological Center, S.A.  
Jordi Brufau Redondo  
General Manager

 Applus<sup>+</sup>

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-0347**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**1.- Application:**

- Extractor tested inside the furnace.
- Extractor F400 (120).
- Dual use.

**2.- Characteristics:**

- Motor: Soler y Palau and ABB
- Rated Voltage motor: 400/690 V.

The complete technical data of the certified range **MAX-TEMP CTHB/CTHT and CTVB/CTVT F400<sub>120</sub>** are detailed in the technical file and the range report nº 09/32300855.

Note: According to Annex A.2 of the test standard UNE EN 12101-3:2015 a motor brand different from the one in this certificate when the motor is out of the draft and the impeller is assembled on the motor shaft. The new motor should have the same kind of insulation, bearing type, assembly class, speed, synchrony and nominal capacity as the tested motor.

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
<b>Response delay</b> - Opening under wind load within a given time; - Opening under snow load within a given time.	4.1.1	NA
		NA
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> <li>• Thermally uninsulated</li> <li>• Direct feed</li> <li>• Dual purpose use</li> </ul>
	4.2.3	NPD
<b>Effectiveness of smoke/hot gas extraction:</b> - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	+/-20% (P <sub>S</sub> )
<b>Resistance to fire</b>	4.4	F400(120)
<b>Ability to open under environmental conditions</b> - Opening under wind load within a given time; - Opening under snow load within a given time.	4.5	NA
		NA
<b>Durability of operational reliability</b>	4.6	NPD

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

