



Notified Body nr. 0370

# CERTIFICATE



No.

0370-CPR-0420

## 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: **CHGT 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:

**17/32301811 (EUROPE) - 17/32301814 (EUROPE) & 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 22<sup>nd</sup> January 2007 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 2<sup>nd</sup> February 2018.

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

Bellaterra, 2<sup>nd</sup> February 2018

 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-0420**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**1.- Application:**

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

**2.- Characteristics:**

- Motor: WEG (80 to 225)
- Rated frequency: 50 Hz
- Rated Voltage motor: 400 V.

**3.- Accessories:**

- Flexible connection referenced "ACOP RECT CHGT/CGT F400" placed on the air outlet.
- Back draft shutter CLAR placed behind the motor and impeller.
- Antivibration mount from Lesol
- Switch reference "FProtect" F400" from Gave.

The complete technical data of the certified range **CHGT F400(120)** are detailed in the technical file and the range report nº 17/13774-2143.

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	NPD
		NA
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	• Thermally uninsulated • Installation inside and outside smoke reservoir. • Horizontal direction of motor shaft • Direct feed • Dual purpose use
	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	NPD
		NA
<b>Durability of operational reliability</b>	4.6	NPD

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

