



Notified Body No. 0370

# CERTIFICATE



No. **0370-CPR-0909**

## 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: **HGHT V/H F400**

Place on the market under the name of:

**S&P SISTEMAS DE VENTILACIÓN, S.L.U.**

C/ LLEVANT, 4  
08150 PARETS DEL VALLÈS (BARCELONA)

And produced in the manufacturing plant:

**19/32301631 (EUROPE) & 19/32301637 (EUROPE)**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance 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 3<sup>rd</sup> December 2010 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 21<sup>st</sup> January 2020.

**The monitoring assessment will be done before November 2020**

Bellaterra, 21<sup>st</sup> January 2020

  
**Applus<sup>+</sup>**  
LGAI Technological Center, S.A.

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



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

*The validity of this certificate can be checked on our website: <https://apps.applus.com/microsites/microsites/FECIP/login>*

## 0370-CPR-0909

### CERTIFIED PERFORMANCES

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	< 30 s (H)
		SL 1000 (V)
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> <li>• Thermally uninsulated</li> <li>• For use outside smoke reservoir</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	F <sub>400</sub> (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	< 30 s (H)
		SL 1000 (V)
<b>Durability of operational reliability</b>	4.6	NPD

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

### PRODUCT

#### 1.- Application:

- Extractor tested outside the furnace.
- Extractor F400 (120).
- Dual use.
- Fans with vertical airflow inlet and horizontal and vertical airflow outlet.
- Kind of snow: SL 1000 (only model V)
- Wind charge: 200 Pa (only model H)
- Type H models are models with horizontal air discharge.
- Type V models are models with vertical air discharge.

#### 2.- Characteristics:

- Motor: Smoke Extraction Motor-TEFC V2 by WEG (400 V/690 V)

#### 3.- Accessories:

- ARO BRIDA TGT/THGT
- EMB-xxxT
- ACOPEL F400
- DEF.ASP.TGT/THGT
- SIL CZ
- SIL CZO
- INT-xx/6P-F400
- JBS JBS-V

The complete technical data of the certified range **HGHT V/H F400** are detailed in the technical file and the range report n° 10/100522-62 M1 and 20/21609-8.