

CE CERTIFICATE

Notified Body No. 0370

No. **0370-CPR-0666**

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: **CHVB-CHVT 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:

20/32302499 (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 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 on 4th December 2020.

The monitoring assessment will be done before 30th November 2021

Bellaterra, 4th December 2020

 **Applus⁺**
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.

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products



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CERTIFIED PERFORMANCES

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Response delay - Opening under wind load within a given time; - Opening under snow load within a given time.	4.1.1	NA
		NA
Operational reliability - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> • Thermally uninsulated • Direct feed • Dual purpose use • To use outside smoke reservoir
	4.2.3	NPD
Effectiveness of smoke/hot gas extraction: - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	+/-20% (Ps)
Resistance to fire	4.4	F ₄₀₀ (120)
Ability to open under environmental conditions - Opening under wind load within a given time; - Opening under snow load within a given time.	4.5	NA
		NA
Durability of operational reliability	4.6	NPD

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

PRODUCT

1.- Application:

- Extractor tested outside the furnace
- Extractor F400 (120)
- Dual use

2.- Characteristics:

- Motor: Soler y Palau
- Rated Voltage motor: 230/400 V

3.- Accessories:

- ACOPEL F400
- AM-xxM / DSD
- PER-CN
- PER-CR
- ACOP RECT F400
- CTI
- APC
- FD

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.

The complete technical data of the certified range **CHVB-CHVT F400** are detailed in the technical file and the range report n° 08/32307756 and 20/21609-8.