



Notified Body No. 0370

# CERTIFICATE

No. **0370-CPR-0348**

## 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: **THGT 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:

**20/32302498 (EUROPE) & 20/32302500 (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 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 27<sup>th</sup> November 2020.

**The monitoring assessment will be done before 30<sup>th</sup> November 2021**

Bellaterra, 27<sup>th</sup> November 2020

  
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](http://www.appluslaboratories.com/certified_products)*



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### 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	NA
		NA
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> <li>• Thermally uninsulated</li> <li>• For use inside and outside smoke reservoir</li> <li>• Direct/converter feed</li> <li>• Dual purpose use</li> <li>• Horizontal and vertical direction of motor shaft</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	NA
		NA
<b>Durability of operational reliability</b>	4.6	NPD

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

### PRODUCT

#### 1.- Application:

- Extractor tested inside the furnace.
- Extractor F400 (120).
- Dual use.
- Horizontal and vertical direction of motor shaft.

#### 2.- Characteristics:

- Motor: WEG motors
- Motor voltage: 400 V
- Motor frequency: 50/60 Hz

#### 3.- Accessories:

- ARO BRIDA TGT/THGT
- EMB-xxxT
- EMB-xxxS
- ACOPEL F400
- CLAR
- DEF.ASP.TGT/THGT
- DEF.DES.TGT/THGT
- PIE SOPORTE TGT/THGT
- SIL CZ
- SIL CZO
- AM-xxM / DSD
- PER-CN
- PER-CR
- INT-xx/6P-F400
- VSD CFW

The complete technical data of the certified range **THGT F400** are detailed in the technical file and the range report n° 19/18992-2428 and 20/21609-8 M1.