

CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)
Notified Body Nr. 0370

No. **0370-CPR-1481**

In compliance with Regulation (EU) Nr. 305/2011 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. VENTILATORS (FANS).

PRODUCT: **TJHU F400**

Placed 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:

22/32307508 (EUROPE), 22/32307510 (EUROPE) & 22/32307511

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 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 21st February 2014 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed on 24th February 2023.

The monitoring assessment will be done before 30th November 2023

Bellaterra, 24th February 2023


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

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility



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Annex according to **EN 12101-3:2015**

SMOKE AND HEAT CONTROL SYSTEMS. PART 3: SPECIFICATION FOR POWERED SMOKE AND HEAT CONTROL VENTILATORS (FANS)

CERTIFIED PERFORMANCE

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 • For use inside/outside smoke reservoir • Direct feed/converter feed • Dual purpose use
	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% (P _S)
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:

- Fan tested inside the furnace.
- Fan F400 (120).
- Dual use.
- Inlet and the outlet air's flow in horizontal direction.

3.- Accessories:

- DEF.ASP.TJHT
- SIL CZ
- SIL CZO
- INT-xx/6P-F400
- VSD CFW

2.- Characteristics:

- Motor: Smoke Extraction Motor-TEFC of WEG
 - Motor voltage: 400 V
 - Motor frequency: 50/60 Hz

The complete technical data of the certified range **TJHU F400** are detailed in the technical file and the range report n° 13/6351-221 and 20/21609-8 M1.