



Notified Body nr. 0370

CERTIFICATE



No.

0370-CPR-1481

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 **TJHU F400₁₂₀**

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) & 17/32301816 (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 21th February 2014 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 24th November 2017.

The monitoring assessment will be done before November 2018

Bellaterra, 24th November 2017

Applus⁺

LGAI Technological Center, S.A.

Jordi Brufau Redondo
General Manager

Applus⁺

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-1481

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1.- Application:

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

2.- Characteristics:

- Motor: WEG
- Rated Voltage motor: 400 V.
- Motor frequency: 60 Hz

3.- Accessories:

- Silencers at the inlet and outlet air flow, made of coated galvanize steel, completely filled with Rockwool "Rockcalm-E 211" of 40kg/m3 density.
- Grilled protection guard made by steel wire.
- Deflector made of carbon steel, in the suction inlet.
- Frequency converter CFW090060T3848SSZ of WEG.
- Isolator polyketone polymer Fprotec, high-temperature model "25A-6P" of GAVE.
- External terminal box of aluminum injected IP65 ref. "B9A65M32" NPF.

The complete technical data of the certified range **TJHU F400₁₂₀** are detailed in the technical file and the range report nº 13/6351-221.

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 • Installation inside and outside a smoke reservoir • Direct/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	F400(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