



Notified Body No. 0370

# CERTIFICATE



No. **0370-CPR-0349**

## 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 F200<sub>120</sub>**

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:

**18/32301533 (EUROPE) & 18/32301534 (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 17<sup>th</sup> December 2018.

**The monitoring assessment will be done before November 2019**

Bellaterra, 17<sup>th</sup> December 2018

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



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

**TECHNICAL ANNEX 0370-CPR-0349**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**1.- Application:**

- Extractor tested inside the furnace.
- Extractor F200 (120).
- Dual use.
- Inlet and outlet air flow in horizontal direction

**2.- Characteristics:**

- Motor: WEG / ABB (80 to 315)
- Rated frequency: 50 /60 Hz
- Rated Voltage motor: 400 V.

**3.- Accessories:**

- Back draft shutter clar (CLAR) with references "CLAR-560" and "CLAR-1250" placed after the motor and impeller
- Outlet guard protection (DEF. DES. TGT/THGT).
- Inlet guard protection (DEF. ASP. TGT/THGT)
- Kit box
- Matching flange (ARO BRIDA TGT/THGT) with reference "ARO BRIDA TGT/THGT-12540 N"
- Flexible connection (ACOPEL F400 N) with reference "ACOPEL F400-1250/200N"
- Support feet (PIE SOP. TGT/THGT)
- Antivibration mount (AM-ANTIVIBRATION MOUNTS [AVM])
- Isolators FProtect from Gave
- Variable frequency driver with reference "CFW09 0060 T3848 SSZ"
- Terminal box/block WEG
- Circular sound attenuator (SIL-CZ/SIL-CZO) with reference "SIL-CZ"

The complete technical data of the certified range **THGT F200 (120)** are detailed in the technical file and the range report nº 17/13774-2142.

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	NPD
		NA
<b>Operational reliability</b> - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> <li>• Thermally uninsulated</li> <li>• Installation inside and outside smoke reservoir.</li> <li>• Horizontal direction of motor shaft</li> <li>• Direct feed or by converter</li> <li>• Dual purpose use</li> </ul>
		4.2.3
<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	F200(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	NPD
		NA
<b>Durability of operational reliability</b>	4.6	NPD

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

