



**Declaration of performance - Powered Smoke and Heat Exhaust Ventilator**

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**1812-DOP-1153**

1. Unique identification code of the product-type:

**In-line centrifugal duct fan  
ILHT F400 CC ECOWATT / ILHT F400 MV ECOWATT**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of Regulation (EU) No 305/2011:

**In-line centrifugal duct fan  
ILHT F400 CC ECOWATT / ILHT F400 MV ECOWATT ,315-355-400-450-500-560-630-710**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification:

**To be installed as part of a powered smoke and heat control ventilation system.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) of Regulation (EU) No 305/2011:

**S&P SISTEMAS DE VENTILACIÓN, S.L.U.  
C/Llevant, 4  
08150 Parets del Vallès (BARCELONA)  
SPAIN**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of Regulation (EU) No 305/2011:

**N/A**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 1**

7. The declaration of performance concerning a construction product covered by a harmonised standard:

**EFFECTIS(Notified Product Certification Body no 1812), based on the following items of system 1 system of assessment and verification,**

- i. Determination of the product type on the basis of type testing (including sampling)
- ii. Initial inspection of the manufacturing plant and of factory production control
- iii. Continuous surveillance, assessment and evaluation of factory production control

**has issued the certificate of constancy of performance of the product no 1812-CPR-1153.**



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8. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Response delay <ul style="list-style-type: none"><li>Opening under wind load within a given time</li><li>Opening under snow load within a given time</li></ul>	<b>NPD*</b> <b>NPD*</b>	<b>EN 12101-3: 2015</b>
Opening under snow load within a given time <ul style="list-style-type: none"><li>Application categories</li><li>Motor rating</li></ul>	<b>Dual Purpose / Emergency</b> <b>F, 80K</b>	
Effectiveness of smoke / hot gas extraction Gas flow and pressure maintenance during smoke and heat extraction test	<b>+/- 20% (Ps)</b>	
Resistance to fire	<b>F400-120</b> <b>F400-90</b> <b>F300</b> <b>F200</b>	
Ability to open under environmental conditions: <ul style="list-style-type: none"><li>Opening under wind load within a given time</li><li>Opening under snow load within a given time</li></ul>	<b>NPD*</b> <b>NPD*</b>	
Durability of operational reliability	<b>F, 80K</b>	

**\*NPD: No Performance Determined**

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by;

Carlos Campderròs,

Parets del Vallès, December 2017