



Declaration of performance - Powered Smoke and Heat Exhaust Ventilator

1812-DOP-0042

1. Unique identification code of the product-type:

**In-line centrifugal duct fan
ILHT F400**

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 , 035-050-060-065-085-110-140-190**

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:

**UNELVENT – S&P
Z.I. Avenue côte vermeille
Thuir - CS 66300
FRANCE**

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-0042.



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8. Declared Performance

Essential Characteristics	Performance	Harmonised Technical Specification
Response delay <ul style="list-style-type: none">Opening under wind load within a given timeOpening under snow load within a given time	NPD* NPD*	EN 12101-3: 2015
Opening under snow load within a given time <ul style="list-style-type: none">Application categoriesMotor rating	Dual Purpose / Emergency F, 80K	
Effectiveness of smoke / hot gas extraction Gas flow and pressure maintenance during smoke and heat extraction test	+/- 10%	
Resistance to fire	F400-120 F400-90 F300 F200	
Ability to open under environmental conditions: <ul style="list-style-type: none">Opening under wind load within a given timeOpening under snow load within a given time	NPD* NPD*	
Durability of operational reliability	F, 80K	

***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, March 2016