Declaration of Performance
DoP / DoP010 de

1. Unique identification code of the product type:

Product type: Powered Smoke and Heat Exhaust Ventilator
Product ID: 150727
Product name: DHN 400 D4 F4 30

2. Type, batch or serial number or another indicator for the identification of the building product according to Article 11, Paragraph 4:

see nameplate

3. By the manufacturer intended use or intended uses according to the applicable harmonized technical specification:

Should be installed as a part of a mechanical smoke and heat extraction system in a building

4. Name, registered commercial name or registered trademark and contact address of the manufacturer according to Article 11, Paragraph 5:

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5. Name and contact address of authorised representative:

-

6. System or systems for the evaluation and verification of the performance constancy of the building product according to Annex V of the Building Product Regulation:

System 1

7. In case of a Declaration of Performance concerning a building product, which falls under a harmonized norm:

The notified Product Certification Body ZAG Slovenian National Building and Civil Engineering Institute, No. 1404 has carried out the initial testing of the relevant properties of the product.

The notified Product Certification Body ZAG Slovenian National Building and Civil Engineering Institute, No. 1404 has carried out the initial testing of the plant and factory production monitoring and carries out the continuous monitoring, assessment and approval of factory production monitoring.

104-CPR-3171

8. Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

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9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Response delay:		**EN 12101-3: 2015**
Open under wind load within a given period of time.	0 s	
Open under snow load within a given period of time.	SL 0	
Operation reliability:		
Application categories	with double function	
Motor power	F, 80K	
Efficiency in discharge of smoke/hot gas:		
Maintaining of gas and smoke volume flow rate and pressure during the control of the discharging of smoke and hot gas.	± 10 %	
Fire resistance	F 400 (120)	
Ability to be opened under ambient conditions:		
Open under wind load within a given period of time.	0 s	
Open under snow load within a given period of time.	SL 0	
Consistency of the operation reliability	F, 80K	

9.b

Supplementary information on installation and applications according to table F.8 EN 12101-3: 2015	
Fire resistance	
Free classification for informative purposes	**F 200** **F 300** **F 400 (120)** **F 400 (90)**
Location of extraction device and thermal insulation, if available	
outside the building without thermal insulation	**X**
outside the building with thermal insulation	
inside the building, outside the fire area, without insulation	
inside the building, outside the fire area, with insulation	
inside the fire area without thermal insulation	
inside the fire area with thermal insulation	

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Installation	
horizontal axis, floor installation	
horizontal axis, wall suspension	
horizontal axis, ceiling suspension	
vertical axis, Δp upwards	**X**
vertical axis, Δp downwards	
vertical axis, wall suspension	
vertical axis, ceiling suspension	
Flexible connectors, tested on the extraction device	
flexible connection on the suction side	**X**
flexible connection on the outlet side	
Cooling air	
At outdoor installation no external air supply cooling required	
Application	
It is a dual function device	**X**
Only as an emergency operation device	
Thermally insulated	
Not thermally insulated	**X**

10. The performance of the product according to Numbers 1 and 2 corresponds to the declared performance under Number 9:

Sole responsibility for creating this Declaration of performance pertains to the manufacturer under Number 4.

F. Schmelz

Boxberg, 23.04.2020
Place and date of issue

Fabian Schmelz (Technical Director)
Name and signature of authorized person

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