

Declaration of Performance

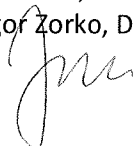
No.: I094AA.01-MRH-F400-DoP

1. Unique identification code of the product-type	MRH 400...1250
2. Type, batch or serial number or any other element allowing identification of the construction product	MRH Size-Polarity-Nominal motor power-Temperature classification
3. Intended use of the construction product	Powered smoke and heat exhaust ventilator for use in construction works
4. Name and contact address of the manufacturer	Systemair d.o.o. Špelina ulica 2, 2000 Maribor, Slovenia
5. System of assessment and verification of constancy of performance of the construction product	System 1
6. In case of the declaration of performance concerning a construction product covered by a harmonized standard	EN 12101-3:2015
...Name and identification number of the notified bodies	BSI Group The Netherlands B.V., id. number: 2797
...Description of tasks, performed by the notified bodies	Determination of the product type on the basis of type testing (including sampling), type calculation, tabulated values or descriptive documentation of the product; initial inspection of the manufacturing plant and of factory production control; continuous surveillance, assessment and evaluation of factory production control.
...EC Certificate of conformity, issued by the notified bodies	2797-CPR-597958

Essential characteristics	Performance/Reference		Harmonized technical specification
Temperature/ time classification of the hatch	MRH motorized roof hatch F400^{a) b)}:	<i>Test reports:</i> No. P 0854/14-530-1, No. P 0155/17-530-1, No. P 507/19-530-1, issued by the ZAG, Ljubljana, Slovenia EC Certificate 2797 CPR 597958 a) minimum functioning period at tests 120 min b) temperature classification depends on the fan, max. 400°C/2h	EN 12101-3:2015 Smoke and heat control systems- Part 3: Specification for powered smoke and heat control ventilators
Wind load	WL 200 (horizontal) WL 1500 (suction)	<i>Test reports and certificate as above</i>	
Snow load	SL 1000 at MRH 400...1120 SL 1250 at MRH 1250	<i>Test reports and certificate as above</i>	
Response delay	< 30s	<i>Test reports and certificate as above</i>	
Temperature/ time classification of the fan	AXC 400...1250-x/y-(F) (F400)...400°C/2h AXC 400...1250-x/y-(B) (F300)...300°C/2h	<i>EC certificate 2797 CPR 719672, fans supplied by Systemair GmbH, Windischbuch, Germany</i>	
Application classes	For use outside building Only for use on a rooftop Applicable for vertical drive shaft position only Emergency use only		
Approved accessories	Flexible connection EVH Bellmouth inlets (inlet cone) Protective grille		

Signed for and on behalf of the manufacturer by:

 Maribor, 22.08.2022
 Igor Zorko, Development Fans



Anton Zupanič, Director

