

Declaration of Performance

No.: I058AA.10-DVG-F400-DoP

1. Unique identification code of the product-type	DVG/F400
2. Type, batch or serial number or any other element allowing identification of the construction product	DVG size/D motor pole(s)-impeller type/temperature-time class DVG size/D motor pole(s)-EC/temperature-time class
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 tech. specification
Temperature/ time classification	F400 (120)^{a)}	- Test reports No. 09/32300971, 09/32300986, 09/32301791, 09/100216-502 and No. 11/2673-1035 (DVG); Test reports No. 11/3662-2628, 2629 and No. 12/3662-441 (DVG-EC); Range report No. 14/3662-456 (DVG, DVG-EC) issued by the LGAI Technological Center, S.A., Bellaterra (Barcelona) ^{a)} minimum functioning period at tests 120 min	EN 12101-3:2015, Smoke and heat control systems- Part 3: Specification for powered smoke and heat control ventilators (Fans)
Wind load	NPD (no performance declared)		
Snow load	SL 0..... DVG-V vertical outlet	2797-CPR-597958	
	SL 1000.....DVG-H horizontal outlet	2797-CPR-597958 (on appropriate high roof socket)	
Application classes	For use outside a building	2797-CPR-597958	
	Only for use on a rooftop	2797-CPR-597958	
	Applicable for vertical drive shaft position	2797-CPR-597958	
	Dual purpose	2797-CPR-597958	
	SL 0 (may be suitable on top of heated buildings)	2797-CPR-597958.....Type DVG-V	
	SL 1000 for use on top of buildings up to SL 1000	2797-CPR-597958.....Type DVG-H (on appropriate high roof socket)	
Tested accessories	Flexible connection ASSG/F	Test report BB-TUM 011-2004, issued by Forschungslabor für Haustechnik der Technischen Universität München	
	Air operated flap VKG/F		
	Roof base FDG/F, FDGE/F		
	Roof base with silencer SSGE/F, SSG/F, inflow box ASG/F	Test report No. 09/32300971, issued by the LGAI Technological Center, S.A., Bellaterra (Barcelona)	
	Roof base FDG/F, FDGE/F	Test report No. 09/32300986, issued by the LGAI Technological Center, S.A., Bellaterra (Barcelona)	
	Roof base with silencer SSGE/F, SSG/F	Test report No. 11/2673-1035, issued by the LGAI Technological Center, S.A., Bellaterra (Barcelona)	
	Air operated flap VKG/F	Test report No. 11/2673-1035, issued by the LGAI Technological Center, S.A., Bellaterra (Barcelona)	
	Frequency converter with sine filter (tested with DVG)		

Signed for and on behalf of the manufacturer by:
Maribor, 09.08.2021

Anton Zupančič, Director

