

# Certificate of Constancy of Performance

This is to certify that:

Systemair d.o.o.  
Špelina ul. 2  
2000 Maribor  
Slovenia

Holds Certificate Number:

2797 CPR 597958

In respect of:

**EN 12101-3:2015 Powered smoke and heat exhaust ventilators.**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product(s). This certificate was first issued on the date below and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):



Denelise L'Ecluse, Managing Director Assurance - Continental Europe

First Issued: 2013-05-24

Latest Issue: 2023-01-19



# Certificate of Constancy of Performance

No. 2797 CPR 597958

## EN 12101-3:2015 Product information:

	Models			
	<b>DVV fan range</b>	DVV 560D4-XL /F400	DVV 560D4-6-XL /F400	DVV 560D4-8-XL /F400
DVV 560D4-6-XS/F400		DVV 560D4-8-XS /F400	DVV 560D4-XM /F400	DVV 560D4-6-XM /F400
DVV 560D4-8-XM /F400		DVV 630D4-XS /F400	DVV 630D6-XS /F400	DVV 630D4-6-XS /F400
DVV 630D4-8-XS /F400		DVV 630D6-8-XS /F400	DVV 630D4-XM /F400	DVV 630D6-XM /F400
DVV 630D4-6-XM /F400		DVV 630D4-8-XM /F400	DVV 630D6-8-XM /F400	DVV 630D4-XL /F400
DVV 630D6-XL /F400		DVV 630D4-6-XL /F400	DVV 630D4-8-XL /F400	DVV 630D6-8-XL /F400
DVV 710D6-XM/F400		DVV 710D8-XM/F400	DVV 710D6-8-XM/F400	DVV 710D6-12-XM/F400
DVV 710D6-XL/F400		DVV 710D8-XL/F400	DVV 710D6-8-XL/F400	DVV 710D6-12-XL/F400
DVV 800D4-XS /F400		DVV 800D6-XS /F400	DVV 800D4-6-XS /F400	DVV 800D4-8-XS /F400
DVV 800D6-8-XS /F400		DVV 800D6-12-XS /F400	DVV 800D6-XM /F400	DVV 800D6-8-XM /F400
DVV 800D4-XM /F400		DVV 800D4-6-XM /F400	DVV 800D4-8-XM /F400	DVV 800D6-XL /F400
DVV 800D4-8-XL /F400		DVV 800D6-8-XL /F400	DVV 800D4-XL /F400	DVV 800D4-6-XL /F400
DVV 800D6-12-XL /F400		DVV 1000D8-XL /F400	DVV 1000D6-XL /F400	DVV 1000D6-8-XL /F400
DVV 1000D6-12-XL /F400		DVV 1000D8-12-XL /F400	DVV 1000D8-XM /F400	DVV 1000D4-XM /F400
DVV 1000D6-XM /F400		DVV 1000D4-6-XM /F400	DVV 1000D4-8-XM /F400	DVV 1000D6-8-XM /F400
DVV 1000D6-12-XM /F400		DVV 1000D8-12-XM /F400	DVV 1000D4-XP /F400	DVV 1000D6-XP /F400
DVV 1000D4-6-XP /F400		DVV 1000D4-8-XP /F400	DVV 1000D6-8-XP /F400	DVV 1000D6-12-XP /F400
DVV 1000D8-XP /F400		DVV 1000D8-12-XP /F400		
<b>Response Delay</b>	30s at SL 1000			
<b>Resistance to Fire class</b>	F400 (Tested to 400°C, 120mins)			
<b>Motor Rating</b>	Class F			
<b>Ancillaries</b>	Roof socket FDG/F Silencer Snow load flaps Automatic shutter VKG/F Frequency converter Switch Roof Socket with silencer SSG/F			
<b>ZAG Ljubljana range reports P 0904/13-530-2 &amp; P0904/13-530-3</b>				

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## EN 12101-3:2015 Product information:

DVV fan range	Models			
	DVV 560D4-XL /F600	DVV 560D4-6-XL /F600	DVV 560D4-8-XL /F600	DVV 560D4-XS /F600
DVV 560D4-6-XS/F600	DVV 560D4-8-XS /F600	DVV 560D4-XM /F600	DVV 560D4-6-XM /F600	
DVV 560D4-8-XM /F600	DVV 630D4-XS /F600	DVV 630D6-XS /F600	DVV 630D4-6-XS /F600	
DVV 630D4-8-XS /F600	DVV 630D6-8-XS /F600	DVV 630D4-XM /F600	DVV 630D6-XM /F600	
DVV 630D4-6-XM /F600	DVV 630D4-8-XM /F600	DVV 630D6-8-XM /F600	DVV 630D4-XL /F600	
DVV 630D6-XL /F600	DVV 630D4-6-XL /F600	DVV 630D4-8-XL /F600	DVV 630D6-8-XL /F600	
DVV 800D4-XS /F600	DVV 800D6-XS /F600	DVV 800D4-6-XS /F600	DVV 800D4-8-XS /F600	
DVV 800D6-8-XS /F600	DVV 800D6-12-XS /F600	DVV 800D6-XM /F600	DVV 800D6-8-XM /F600	
DVV 800D4-XM /F600	DVV 800D4-6-XM /F600	DVV 800D4-8-XM /F600	DVV 800D6-XL /F600	
DVV 800D4-8-XL /F600	DVV 800D6-8-XL /F600	DVV 800D4-XL /F600	DVV 800D4-6-XL /F600	
DVV 800D6-12-XL /F600	DVV 1000D8-XL /F600	DVV 1000D6-XL /F600	DVV 1000D6-8-XL /F600	
DVV 1000D6-12-XL /F600	DVV 1000D8-12-XL /F600	DVV 1000D8-XM /F600	DVV 1000D4-XM /F600	
DVV 1000D6-XM /F600	DVV 1000D4-6-XM /F600	DVV 1000D4-8-XM /F600	DVV 1000D6-8-XM /F600	
DVV 1000D6-12-XM /F600	DVV 1000D8-12-XM /F600	DVV 1000D4-XP /F600	DVV 1000D6-XP /F600	
DVV 1000D4-6-XP /F600	DVV 1000D4-8-XP /F600	DVV 1000D6-8-XP /F600	DVV 1000D6-12-XP /F600	
DVV 1000D8-XP /F600	DVV 1000D8-12-XP /F600			
<b>Response Delay</b>	30s at SL 1000			
<b>Resistance to Fire class</b>	F600 (Tested to 600°C, 120mins)			
<b>Motor Rating</b>	Class F			
<b>Ancillaries</b>	Roof socket FDG/F Silencer Snow load flaps Automatic shutter VKG/F Frequency converter Switch Roof Socket with silencer SSG/F			
<b>ZAG Ljubljana range report P 0046/15-530-2</b>				

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# Certificate of Constancy of Performance

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## EN 12101-3:2015 Product information:

MRH fan range	Models	
	MRH 400 with fan AXC(B), AXC(F), AXC(R)	
	MRH 450 with fan AXC(B), AXC(F), AXC(R)	
	MRH 500 with fan AXC(B), AXC(F), AXC(R)	
	MRH 560 with fan AXC(B), AXC(F), AXC(R)	
	MRH 630 with fan AXC(B), AXC(F), AXC(R)	
	MRH 710 with fan AXC(B), AXC(F), AXC(R)	
	MRH 800 with fan AXC(B), AXC(F), AXC(R)	
	MRH 900 with fan AXC(B), AXC(F), AXC(R)	
	MRH 1000 with fan AXC(B), AXC(F), AXC(R)	
	MRH 1120 with fan AXC(B), AXC(F), AXC(R)	
MRH 1250 with fan AXC(B), AXC(F), AXC(R)		
Response Delay	MRH 400-1250 MRH 400-1120 MRH 1250	RE10000, WL 200 (horizontal), WL 1500 (suction) SL 1000 SL 1250
Resistance to Fire class	F400 (Tested to 400°C, 120mins) respectively according to fan resistance, if lower	
Motor Rating	Class H	
<b>ZAG Ljubljana reports P 0854/14-530-1, P 0155/17-530-1, P 0507/19-530-1 , BSRIA reports 102710-1, 102710-2</b>		

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## EN 12101-3:2015 – Powered smoke and heat exhaust ventilators.

### Approved ancillaries to AXC range

<b>AXC Axial fan range</b>	<b>2 Pole Models</b>			
	AXC 315(B)	AXC 355(B)	AXC 400(B)	AXC 450(B)
	AXC 500(B)	AXC 560(B)	AXC 630(B)	AXC 710(B)
	<b>4 Pole models</b>			
	AXC 315(B)	AXC 355(B)	AXC 400(B)	AXC 450(B)
	AXC 500(B)	AXC 560(B)	AXC 630(B)	AXC 710(B)
	AXC 800(B)	AXC 900(B)	AXC 1000(B)	AXC 1120 (B)
	AXC 1250(B)			
	<b>6 Pole models</b>			
	AXC 315(B)	AXC 355(B)	AXC 400(B)	AXC 450(B)
	AXC 500(B)	AXC 560(B)	AXC 630(B)	AXC 710(B)
	AXC 800(B)	AXC 900(B)	AXC 1000(B)	AXC 1120 (B)
	AXC 1250(B)			
	<b>2 Pole Models</b>			
	AXC 315(F)	AXC 355(F)	AXC 400(F)	AXC 450(F)
	AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)
	<b>4 Pole models</b>			
	AXC 315(F)	AXC 355(F)	AXC 400(F)	AXC 450(F)
	AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)
	AXC 800(F)	AXC 900(F)	AXC 1000(F)	AXC 1120 (F)
AXC 1250(F)				
<b>6 Pole models</b>				
AXC 315(F)	AXC 355(F)	AXC 400(F)	AXC 450(F)	
AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)	
AXC 800(F)	AXC 900(F)	AXC 1000(F)	AXC 1120 (F)	
AXC 1250(F)				
<b>Ancillaries, Response Delay</b>	SLO			
<b>Ancillaries, Resistance to Fire class – dependent on model</b>	F300 (Tested to 300 °C, 120mins) F400 (Tested to 400 °C, 120mins)			
<b>Ancillaries</b>	Automatic roof shutter	ARS		
	Inlet cone	ESDG		
	Base plate	BPF, BPN		
<b>ZAG Ljubljana report: 0602/15-530-2, BSRIA reports: 102710-1, 102710-2</b>				

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## EN 12101-3:2015 Product information:

<b>DVG fan range</b>	<b>Koncar/AC Motoren/ABB Motors/WEG Motors</b>			
	<b>min 4 Pole models</b> - max 1500 RPM - (4, 6, 8, 4-6, 4-8, 6-8, 6-12 pole at 50Hz)			
	DVG-H 315, 315-XL	DVG-H 355, 355-XL	DVG-H 400-S, 400-XS	DVG-H 400, 400-XL
	DVG-H 450, 450-XL	DVG-H 500-S, 500-XS	DVG-H 500, 500-XL	DVG-H 560-XM
	DVG-H 560, 560-XL	DVG-H 630-S, 630-XS	DVG-H 630, 630-XM	DVG-H 630-XL
	DVG-V 315, 315-XL	DVG-V 355, 355-XL	DVG-V 400-S, 400-XS	DVG-V 400, 400-XL
	DVG-V 450, 450-XL	DVG-V 500-S, 500-XS	DVG-V 500, 500-XL	DVG-V 560-XM
	DVG-V 560, 560-XL	DVG-V 630-S, 630-XS	DVG-V 630, 630-XM	DVG-V 630-XL
	<b>min 6 Pole models</b> - max 1200 RPM - (6, 8, 6-8, 6-12 pole at 50 or 60Hz)			
	DVG-H 710-XM	DVG-H 710-XL	DVG-V 710-XM	DVG-V 710-XL
	<b>min 6 Pole models</b> - max 1000 RPM - (6, 8, 6-8, 6-12 pole at 50Hz)			
	DVG-H 800-S, 800-XS	DVG-H 800-XM	DVG-H 800, 800-XL	DVG-V 800-S, 800-XS
	DVG-V 800-XM	DVG-V 800, 800-XL		
	<b>Domel Motors</b>			
	<b>max 1500 RPM</b>			
	DVG-H 315EC-XL	DVG-H 355EC, 355EC-XL	DVG-H 400EC-XS	DVG-H 400EC-XL
	DVG-H 450EC, 450EC-XL	DVG-H 500EC-XS	DVG-H 500EC-XL	DVG-H 560EC, 560EC-XL
	DVG-H 630EC-XS	DVG-H 630EC	DVG-H 630EC-XM	DVG-H 630EC-XL
	DVG-V 315EC-XL	DVG-V 355EC, 355EC-XL	DVG-V 400EC-XS	DVG-V 400EC-XL
	DVG-V 450EC, 450EC-XL	DVG-V 500EC-XS	DVG-V 500EC-XL	DVG-V 560EC, 560EC-XL
	DVG-V 630EC-XS	DVG-V 630EC	DVG-V 630EC-XM	DVG-V 630EC-XL
	<b>max 1200 RPM</b>			
	DVG-H 710EC-XM	DVG-H 710EC-XL	DVG-V 710EC-XM	DVG-V 710EC-XL

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DVG fan range	max 1000 RPM			
	DVG-H 800EC-XS	DVG-H 800EC-XM	DVG-H 800EC	DVG-H 800EC-XL
	DVG-V 800EC-XS	DVG-V 800EC-XM	DVG-V 800EC	DVG-V 800EC-XL
<b>Response Delay</b>	SL1000 (DVG-H), SL0 (DVG-V)			
<b>Resistance to Fire class</b>	F400 (Tested to 400°C, 120mins)			
<b>Motor Rating</b>	Class F			
<b>Ancillaries</b>	Roof socket FDG/F Roof socket with silencer SSG/F Automatic shutter VKG/F Switch Controller/Frequency converter			
<b>Applus range report 14/3662-456 &amp; report 11/2673-1035, ZAG Ljubljana range report P1297/15-530-3, Applus range report 22/32306327</b>				

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# Certificate of Constancy of Performance

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## EN 12101-3:2015 Product information:

<b>BKF fan range</b>	<b>Končar-MES/AC Motoren/ABB Motors/ELKO Motors/WEG Motors</b>			
	<b>min 4 Pole models</b> - max 1500 RPM - (4, 6, 8, 4-6, 4-8, 6-8, 6-12 pole at 50Hz)			
	BKF 315-XL	BKF 355, 355-XL	BKF 400-XS	BKF 400-XL
	BKF 450, 450-XL	BKF 500-XS	BKF 500-XL	BKF 560-XM
	BKF 560, 560-XL	BKF 630-XS	BKF 630-XM	BKF 630-XL
	<b>min 6 Pole models</b> - max 1200 RPM - (6, 8, 6-8, 6-12 pole at 50 or 60Hz)			
	BKF 710-XM	BKF 710-XL		
	<b>min 6 Pole models</b> - max 1000 RPM - (6, 8, 6-8, 6-12 pole at 50Hz)			
	BKF 800-XS	BKF 800-XM	BKF 800-XL	
<b>Response Delay</b>	N/A			
<b>Resistance to Fire class</b>	F400 (Tested to 400°C, 120mins)			
<b>Motor Rating</b>	Class F			
<b>Ancillaries</b>	Flexible connectors Steel spring vibration isolators Motor covers Frequency converter			
<b>ZAG Ljubljana report P 1297/15-530-3</b>				

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