

Certificate of Constancy of Performance

This is to certify that:

Systemair GmbH
Seehöfer Straße 45
Windischbuch
97944
Germany

Holds Certificate Number:

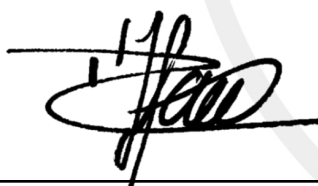
2797 CPR 719672

In respect of:

EN 12101-3:2015 Smoke and heat control systems. Specification for powered smoke and heat exhaust ventilators (fans).

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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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):



Drs. Dave Hagenaaars, Managing Director

First Issued: 2019-10-22

Latest Issue: 2022-03-22



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Certificate of Constancy of Performance

No. 2797 CPR 719672

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

AXC Axial fan range	2 Pole Models		
	AXC 315(B)	AXC 355(B)	AXC 400(B)
	AXC 450(B)	AXC 500(B)	AXC 560(B)
	AXC 630(B)	AXC 710(B)	
	4 Pole models		
	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)	AXC 1400(B)	
Response Delay	N/A		
Resistance to Fire class	F300 (300 °C, 60mins) (Tested 300 °C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets – Vertical – MFA Mounting feet – Horizontal Flexible connection – EV-H Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel)		
BSRIA reports: 53580/2 Edition 2, 58545/2, 53580/4			

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Certificate of Constancy of Performance

No. 2797 CPR 719672

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

AXC Axial fan range	6 Pole Models		
	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)	AXC 1400(B)	AXC 1600(B)
	AXC 1800(B)		
Response Delay	N/A		
Resistance to Fire class	F300 (300 °C, 60mins) (Tested 300 °C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel)		
BSRIA reports: 53580/2 Edition 2, 58545/2, 53580/4, 59522/1			

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Certificate of Constancy of Performance

No. 2797 CPR 719672

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

AXC Axial fan range	2 Pole Models			
	AXC 315(F)	AXC 355(F)	AXC 400(F)	AXC 450(F)
	AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)
	4 Pole models			
	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)	AXC 1400(F)		
	6 Pole models			
	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)	AXC 1400(F)	AXC 1600(F)
Response Delay	N/A			
Resistance to Fire class	F400 (Tested to 400°C, 120mins)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel)			
BSRIA reports: 59522/3; 102710-1				

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	AXC 315(F)	AXC 355(F)	AXC400(F)	AXC 450(F)
	AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)
	4 Pole models			
	AXC 630(F)	AXC 710(F)	AXC 800(F)	AXC 900(F)
	AXC 1000(F)	AXC 1120(F)	AXC 1250(F)	
	6 Pole models			
	AXC 1400(F)	AXC 1600(F)		
Response Delay	N/A			
Resistance to Fire class	F400 (Tested to 400°C, 120mins)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Guide vanes Inverter			
BSRIA report: 53580/1, 101843/2, 60458/1				

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AXC Axial fan range	2 Pole Models		
	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)
	4 Pole models		
	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)		
	6 Pole models		
	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)		
Response Delay	N/A		
Resistance to Fire class	F300 (300°C, 60mins) (Tested 300°C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard Guide vanes Inverter		
BSRIA report: 101058/3 rev 2; 102710-2 (P-blade design)			

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AXC Axial fan range	2 Pole Models		
	AXC 315(B)	AXC 355(B)	AXC 400(B)
	AXC 450(B)	AXC 500(B)	AXC 560(B)
	AXC 630(B)		
	4 Pole models		
	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)	
	6 Pole models		
	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)		
Response Delay	N/A		
Resistance to Fire class	F300 (300°C, 60mins) (Tested 300°C, 120mins)		
Motor Rating	Class H; ; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard Guide vanes Inverter		
BSRIA report: 101058/2 rev 2 (P-blade design)			

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	AXC 315(F)	AXC 355(F)	AXC 400(F)
	AXC 450(F)	AXC 500(F)	AXC 560(F)
	AXC 630(F)		
	4 Pole models		
	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)	
	6 Pole models		
	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)	
Response Delay	N/A		
Resistance to Fire class	F400 (400°C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard Guide vanes Inverter		
BSRIA report: 101058/1 rev 2			

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AXC Axial fan range	2 Pole Models			
	AXC 315(F)	AXC 355(F)	AXC 400(F)	AXC 450(F)
	AXC 500(F)	AXC 560(F)	AXC 630(F)	AXC 710(F)
	4 Pole models			
	AXC 315(F)	AXC 355(F)	AXC400(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)	AXC 1400(F)		
	6 Pole models			
	AXC 315(F)	AXC 355(F)	AXC400(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)	AXC 1400(F)		
Response Delay	N/A			
Resistance to Fire class	F400 (Tested to 400°C, 120mins)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Guide vanes Inverter			
BSRIA reports: 61483/3 rev 3, 101843/1				

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No. 2797 CPR 719672

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

AXR Axial fan range	2 Pole Models			
	AXR 315(F)	AXR 355(F)	AXR 400(F)	AXR 450(F)
	AXR 500(F)	AXR 560(F)	AXR 630(F)	AXR 710(F)
	4 Pole models			
	AXR 315(F)	AXR 355(F)	AXR 400(F)	AXR 450(F)
	AXR 500(F)	AXR 560(F)	AXR 630(F)	AXR 710(F)
	AXR 800(F)	AXR 900(F)	AXR 1000(F)	AXR 1120(F)
	AXR 1250(F)			
	6 Pole models			
	AXR 315(F)	AXR 355(F)	AXR 400(F)	AXR 450(F)
	AXR 500(F)	AXR 560(F)	AXR 630(F)	AXR 710(F)
	AXR 800(F)	AXR 900(F)	AXR 1000(F)	AXR 1120(F)
	AXR 1250(F)	AXR 1400(F)		
Response Delay	N/A			
Resistance to Fire class	F400 (Tested to 400 °C, 120mins)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel)			
BSRIA reports: 61483/3, 101843/1				

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AXR Axial fan range	2 Pole Models			
	AJ 315(F)	AJ 355(F)	AJ 400(F)	AJ 450(F)
	AJ 500(F)	AJ 560(F)	AJ 630(F)	AJ 710(F)
	4 Pole models			
	AJ 315(F)	AJ 355(F)	AJ 400(F)	AJ 450(F)
	AJ 500(F)	AJ 560(F)	AJ 630(F)	AXR 710(F)
	AJ 800(F)	AJ 900(F)	AXR 1000(F)	AJ 1120(F)
	AXR 1250(F)			
	6 Pole models			
	AJ 315(F)	AJ 355(F)	AJ 400(F)	AJ 450(F)
	AJ 500(F)	AJ 560(F)	AJ 630(F)	AJ 710(F)
	AJ 800(F)	AJ 900(F)	AJ 1000(F)	AJ 1120(F)
	AJ 1250(F)	AJ 1400(F)		
Response Delay	N/A			
Resistance to Fire class	F400 (Tested to 400 °C, 120mins)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel)			
BSRIA reports: 61483/3, 101843/1				

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No. 2797 CPR 719672

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

AXC Axial fan range	Models			
	AXC (K) 315	AXC (K) 355	AXC (K) 400	AXC (K) 450
	AXC (K) 500	AXC (K) 560	AXC (K) 630	AXC (K) 710
	AXC (K) 800	AXC (K) 900	AXC (K) 1000	AXC (K) 1120
	AXC (K) 1250	AXC (K) 1400	AXC (K) 1600	
Response Delay	N/A			
Resistance to Fire class	F200 in accordance with EN 12101-3:2002, unclassified (Tested to 250 °C, 120mins – F250)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard			
BSRIA report: 53580/3				

AXR Axial fan range	Models			
	AXR (K) 315	AXR (K) 355	AXR (K) 400	AXR (K) 450
	AXR (K) 500	AXR (K) 560	AXR (K) 630	AXR (K) 710
	AXR (K) 800	AXR (K) 900	AXR (K) 1000	AXR (K) 1120
	AXR (K) 1250	AXR (K) 1400	AXR (K) 1600	
Response Delay	N/A			
Resistance to Fire class	F200 in accordance with EN 12101-3:2002, unclassified (Tested to 250 °C, 120mins – F250)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard			
BSRIA report: 53580/3				

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AXR Axial fan range	2 Pole Models		
	AXR 315(B)	AXR 355(B)	AXR 400(B)
	AXR 450(B)	AXR 500(B)	AXR 560(B)
	AXR 630(B)	AXR 710(B)	
	4 Pole models		
	AXR 800(B)	AXR 900(B)	AXR1000(B)
	AXR 1120(B)	AXR 1250(B)	
	6 Pole models		
	AXR 1400(B)	AXR 1600(B)	AXR 1800(B)
Response Delay	N/A		
Resistance to Fire class	F300 (300 °C, 60mins) (Tested 300 °C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard		
BSRIA report: 53580/2 Edition 2			

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AJ Axial fan range	2 Pole Models		
	AJ 315(F)	AJ 355(F)	AJ 400(F)
	AJ 450(F)	AJ 500(F)	AJ 560(F)
	AJ 630(F)	AJ 710(F)	
	4 Pole models		
	AJ 800(F)	AJ 900(F)	AJ 1000(F)
	AJ 1120(F)	AJ 1250(F)	
	6 Pole models		
	AJ 1400(F)	AJ 1600(F)	
Response Delay	N/A		
Resistance to Fire class	F400 (Tested to 400°C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard		
BSRIA report: 53580/1, 101843/2			

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	AJ 315(B)	AJ 355(B)	AJ 400(B)
	AJ 450(B)	AJ 500(B)	AJ 560(B)
	AJ 630(B)	AJ 710(B)	
	4 Pole models		
	AJ 800(B)	AJ 900(B)	AJ 1000(B)
	AJ 1120(B)	AJ 1250(B)	
	6 Pole models		
	AJ 1400(B)	AJ 1600(B)	
Response Delay	N/A		
Resistance to Fire class	F300 (300°C, 60mins) (Tested 300°C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard		
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AXR Axial fan range	2 Pole Models		
	AXR 315(F)	AXR 355(F)	AXR 400(F)
	AXR 450(F)	AXR 500(F)	AXR 560(F)
	AXR 630(F)	AXR 710(F)	
	4 Pole models		
	AXR 800(F)	AXR 900(F)	AXR1000(F)
	AXR 1120(F)	AXR 1250(F)	
	6 Pole models		
	AXR 1400(F)	AXR 1600(F)	
Response Delay	N/A		
Resistance to Fire class	F400 (400°C, 120mins)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard		
BSRIA report: 53580/1, 101843/2			

AJ Axial fan range	Models			
	AJ 315 (K)	AJ 355 (K)	AJ 400 (K)	AJ 450 (K)
	AJ 500 (K)	AJ 560 (K)	AJ 630 (K)	AJ 710 (K)
	AJ 800 (K)	AJ 900 (K)	AJ 1000 (K)	AJ 1120 (K)
	AJ 1250 (K)	AJ 1400 (K)	AJ 1600 (K)	
Response Delay	N/A			
Resistance to Fire class	F200 in accordance with EN 12101-3:2002, unclassified (Tested to 250 °C, 120mins – F250)			
Motor Rating	Class H; single speed and dual speed motors			
Ancillaries	Mounting brackets Mounting feet Flexible connection Matching flanges Bellmouth inlets (mild steel, stainless steel) Silencers (mild steel, stainless steel) Inlet guard			
BSRIA report: 53580/3				

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Certificate of Constancy of Performance

No. 2797 CPR 719672

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

AJ/F fan range	4 Pole models	
	AJ 1120-5 (F)	AJ 1120-10 (F)
	6 Pole models	
	AJ 1120-5 (F)	AJ 1120-10 (F)
Response Delay	N/A	
Resistance to Fire class	F400 (400 °C, 120mins) (Tested 400 °C, 120mins)	
Motor Rating	Class H; single speed and dual speed motors	
Efectis report: EFR-18-G-003913		

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

AJR range F-300(120)	1 & 2 speed models		
	AJ8 315**	AJ8 355**	AJ8 400**
	AJR 315	AJR 355	AJR 400
Response Delay	N/A		
Resistance to Fire class	F300 (300 °C, 120mins) (tested 300 °C, 120mins.)		
Motor Rating	Class H; single speed and dual speed motors		
Ancillaries	16A External terminal box		
	AB55621F4 GAVE Switch		
	Octagonal silencer**		
	Protection grid		
Report: BSRIA 61483/2			

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

IV Range (B)	1 Speed - 4 Pole Models		
	IV 50-4(B)	IV 85-4(B)	IV 100-4(B)
	2 Speed - 4/6 Pole Models		
	IV 50 4/6 (B)	IV 85 2 4/6 (B)	IV 100 4/6 (B)
	2 Speed - 4/8 Pole Models		
	IV 50 4/8 (B)	IV 85 4/8 (B)	IV 100 4/8 (B)
Response Delay	N/A		
Resistance to Fire class	F300 (300°C, 120mins) (Tested 300°C, 120mins)		
Motor Rating	Class H		
Ancillaries	Systemair terminal box		
Applus reports: 11/2634-614 & 14/4971-1711			

IV Range (B)	1 Speed - 4 Pole Models	
	IV 50-4(B)	IV 100-4(B)
	2 Speed - 4/6 Pole Models	
	IV 50 4/6 (B)	IV 100 4/6 (B)
	2 Speed - 4/8 Pole Models	
	IV 50 4/8 (B)	IV 100 4/8 (B)
Response Delay	N/A	
Resistance to Fire class	F300 (300°C, 120mins) (Tested 300°C, 120mins)	
Motor Rating	Class H	
Ancillaries	Systemair terminal box	
Applus report: 17/12620-2340		

IV Range F-400(120)**	1 Speed - 4 Pole Models		
	IV 50-4(F)	IV 85-4 (F)	IV 100-4 (F)
	2 Speed - 4/6 Pole Models		
	IV 50 -4/6 (F)	IV 85-4/6 (F)	IV 100-4/6 (F)
	2 Speed - 4/8 Pole Models		
	IV 50-4/8 (F)	IV 85-4/8 (F)	IV 100-4/8 (F)
Response Delay	N/A		
Resistance to Fire class	F400 (400°C, 120mins) (Tested 400°C, 120mins)		
Motor Rating	Class H		
Ancillaries	Rittal external terminal box Ziehl-Abegg wire screen		
Applus report: 12/2673-251			

** Steel blades only

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

AJR Axial fan range	1 & 2 speed models		
	AJR 315-TR-2	AJR 355-TR-2	AJR 400-TR-2
	AJR 315-TR-2/4	AJR 355-TR-2/4	AJR 400-TR-2/4
	AJ8 315-TR-2**	AJ8 355-TR-2**	AJ8 400-TR-2**
	AJ8 315-TR-2/4**	AJ8 355-TR-2/4**	AJ8 400-TR-2/4**
	CMG motors		
	AJ8 315**	AJ8 355**	AJ8 400**
	AJR 315	AJR 355	AJR 400
Response Delay	N/A		
Resistance to Fire class	F300 (300 °C, 60mins) (Tested 300 °C, 120mins)		
Motor Rating	Class H		
Ancillaries	Ziehl Abegg FXDM frequency converter		
	Round silencer		
	Octagonal silencer**		
Applus reports: 10/101420 & 13/4971-2181			

AJR Axial fan range	1 & 2 speed models		
	AJ8 315**	AJ8 355**	AJ8 400**
	AJR 315	AJR 355	AJR 400
Response Delay	N/A		
Resistance to Fire class	F400 (400 °C, 120mins) (tested 400 °C, 120mins.)		
Motor Rating	Class H		
Ancillaries	16A External terminal box		
	AB55621F4 GAVE Switch		
	Octagonal silencer**		
	Protection grid		
Applus report: 15/4971-2781			

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

MUB/F Range F-400(120)	1 Speed - 4 Pole Models		
	MUB/F 042 400 D4	MUB/F 042 450 D4	MUB/F 062 500 D4
	MUB/F 062 560 D4	MUB/F 062 630 D4	
	1 Speed - 6 Pole Models		
	MUB/F 042 400 D6	MUB/F 042 450 D6	MUB/F 062 500 D6
	MUB/F 062 560 D6	MUB/F 062 630 D6	
	2 Speed - 4/6 Pole Models		
	MUB/F 042 400 D4-6	MUB/F 042 450 D4-6	MUB/F 062 500 D4-6
	MUB/F 062 560 D4-6	MUB/F 062 630 D4-6	
Response Delay	N/A		
Resistance to Fire class	F400 (400°C, 120mins) (Tested 400°C, 120mins)		
Motor Rating	Class H		
Applus report: 18/13562-497			

MUB/F Range F-400(120)	1 Speed - 4 Pole Models		
	MUB/F 042 400 D4	MUB/F 042 450 D4	MUB/F 062 500 D4
	MUB/F 062 560 D4	MUB/F 062 630 D4	
	1 Speed - 6 Pole Models		
	MUB/F 042 400 D6	MUB/F 042 450 D6	MUB/F 062 500 D6
	MUB/F 062 560 D6	MUB/F 062 630 D6	
	2 Speed - 4/6 Pole Models		
	MUB/F 042 400 D4-6	MUB/F 042 450 D4-6	MUB/F 062 500 D4-6
	MUB/F 062 560 D4-6	MUB/F 062 630 D4-6	
Response Delay	N/A		
Resistance to Fire class	F400 (400°C, 120mins) (Tested 400°C, 120mins)		
Motor Rating	Class H		
Ancillaries	Inverter		
Applus report: 10/101420-1103 & 20/23837-2238			

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

KBR/F fan range	1 & 2 speed models		
	KBR/F 280 D2	KBR/F 280 DV	KBR/F 280 D4/2
	KBR/F 315 D2	KBR/F 315 DV	KBR/F 315 DZ
	KBR/F 355 D2	KBR/F 355 D2/K	KBR/F 355 DV/K
	KBR/F 355 DZ/K	KBR/F 355 DV	KBR/F 355 DZ
	KBR/F 355 E4	KBR/F 355 E4/K	
Response Delay	N/A		
Resistance to Fire class	F400 (400 °C, 120mins) (Tested 400 °C, 120mins)		
Motor Rating	Class F		
Ancillaries	Inverter		
Applus reports: 12/2673-379, 07/32302683 & 20/23837-2239			

IV Range (F)	1 Speed - 4 Pole Models	
	IV 50-4(F)	IV 100-4(F)
	2 Speed - 4/6 Pole Models	
	IV 50 4/6 (F)	IV 100 4/6 (F)
	2 Speed - 4/8 Pole Models	
	IV 50 4/8 (F)	IV 100 4/8 (F)
Response Delay	N/A	
Resistance to Fire class	F400 (400°C, 120mins)	
Motor Rating	Class H	
Ancillaries	Systemair terminal box	
Applus report: 19/20476-1666		

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

KBR/F EC fan range	Variable speed models		
	KBR/F 280EC	KBR/F 315EC	KBR/F 315EC-L
	KBR/F 355EC-K	KBR/F 355EC	KBR/F 355EC-L
Response Delay	N/A		
Resistance to Fire class	F400/90 (400 °C, 90mins); F300/90 (300 °C, 90mins)		
Motor Rating	Class H		
Ancillaries			
Applus report: 19/20476-1667 M1			

AXC Axial fan range	2*-4-6 poles models		
	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)	AXC 1400 (B)	AXC 1600 (B)
Response Delay	N/A		
Resistance to Fire class	F300 (tested to 300°C, 120mins)		
Motor Rating	Class H; single and dual speed motors		
Ancillaries	Mounting brackets – Vertical – MFA Mounting feet – Horizontal Flexible connection – EV-H Matching flanges Bellmouth inlets (mild steel, stainless steel – EFD-F Range) Silencers (mild steel, stainless steel – RS Range)		
BSRIA range report: 53580/4 refers.			

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

AXC Axial fan range	4-6 pole models		
	AXC(A) 315 (B)	AXC(A) 355 (B)	AXC(A) 400 (B)
	AXC(A) 450 (B)	AXC(A) 500 (B)	AXC(A) 560 (B)
	AXC(A) 630 (B)	AXC(A) 710 (B)	AXC(A) 800 (B)
	AXC(A) 900 (B)	AXC(A) 1000 (B)	AXC(A) 1120 (B)
	AXC(A) 1250 (B)	AXC(A) 1400 (B)	AXC(A) 1600 (B)
Response Delay	N/A		
Resistance to Fire class	F300 (tested to 300°C, 120mins)		
Motor Rating	Class H; single and dual speed models		
Ancillaries	Mounting brackets – Vertical – MFA Mounting feet – Horizontal Flexible connection – EV-H Matching flanges Bellmouth inlets (mild steel, stainless steel – EFD-F Range) Silencers (mild steel, stainless steel – RS Range)		
Applus range report: 17/13085-854 M4 refers.			

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No. 2797 CPR 719672

Manufacturing Plant	Certified Activities
Systemair GmbH Seehöfer Straße 45 Windischbuch 97944 Germany	EN 12101-3:2015 Smoke and heat control systems. Specification for powered smoke and heat exhaust ventilators (fans).



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