

Certificate of Constancy of Performance

This is to certify that:

Elta Fans Malaysia Sdn. Bhd.
(formerly known as Eltafantech Asia
Sdn. Bhd.)
No. 147 Jalan TUDM
Kampung Baru Subang
Shah Alam
Selangor
40150
Malaysia

Holds Certificate Number:

2797 CPR 587097

In respect of:

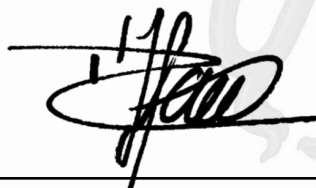
EN 12101-3:2015 Smoke and heat exhaust ventilators

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 are applied and that the product fulfils (products fulfil) all the prescribed requirements set out above. This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared essential characteristics, do not change and the products(s), and the manufacturing conditions in the plants(s) are not modified significantly.

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

Previous Notified Body: BSI 0086

First Issued: 2012-07-09



Drs. Dave Hagenaaers, Managing Director

Latest Issue: 2019-03-26

Certificate of Constancy of Performance

No. 2797 CPR 587097

EN 12101-3:2015 certified scope

Suitable Operation: Insulated, uninsulated, reservoir, non-reservoir, emergency, dual purpose, horizontal/vertical installation extract fans to class F200 (200°C, 120mins)

Smokevent Axial Fans *	Models						
	APS025	APS031	APS040	APS050	APS056	APS063	APS071
	APS080	APS090	APS100	APS112	APS125	APS140	APS160
	APS180	APS200	SCS025	SCS031	SCS040	SCS050	SCS056
	SCS063	SCS071	SCS080	SCS090	SCS100	SCS112	SCS125
	SCS140	SCS160	SCS180	SCS200	APSCR025	APSCR031	APSCR040
	APSCR050	APSCR056	APSCR063	APSCR071	APSCR080	APSCR090	APSCR100
	APSCR112	APSCR125	APSCR140	APSCR160	APSCR180	APSCR200	
	JFSU-CPA-315 2/4-3		JFSR-CPA-315 2/4-3			JFSU-CPA-400 2/4-3	
	JFSU-CPA-400 2-3		JFSR-CPA-400 2/4-3			JFSR-CPA-400 2-3	
<p><i>Models above represent standard sizes – intermediate sizes also covered Where fitted with the Guide Vane, the model code has +GV added (ie. APS025+GV). Where available in the 'Select' product portfolio, the model number will be pre-fixed with the letter 'S' and the fan size expressed in mm instead of cm (ie. APS 025 becomes SAPS250).</i></p>							
Response Delay	N/A						
Resistance to Fire class	F200 (200°C, 120mins)						
Motor Rating	Class F / Class H						
Ancillaries	Bell mouth inlet Flexible collar – banding Flexible collar – banding Flexible collar – high temp Flexible collar – high temp Flexible collar – banding Guide Vane Impeller side guard Matching flange Motor side guard Mounting Feet Non-return damper (horizontal and vertical) Non-return damper (vertical) Rubber anti-vibration mounting (non-reservoir only) Silencer Spring anti-vibration mounting Access / Inspection Door Electrical Isolator			241-SIZE-BELL SC250M-ITEM SC250M-ITEM 063-SIZE-SC250 063-SIZE-SC250M S25-BANDING/MS 254/SIZE-TYPE 078-SIZE 061-SIZE 070-SIZE 060-SIZE 019-SIZE-STD 019-SIZE-CB 062-TYPE 068-SIZE-TYPE 062-ES CODE 065-TYPE 158-RSA0720			
BSRIA reports 56010-1, 56010-2, 60942/1 & 60942/2 refer.							

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To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands
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Certificate of Constancy of Performance

No. 2797 CPR 587097

EN 12101-3:2015 certified scope

Suitable Operation: Insulated, uninsulated, reservoir, non-reservoir, emergency, dual purpose, horizontal/vertical installation extract fans to class F300 (tested to 300°C, 120mins)

Smokevent Axial Fans *	Models						
	APS025	APS031	APS040	APS050	APS056	APS063	APS071*
	APS080	APS090	APS100	APS112	APS125	APS140**	APS160
	APS180	APS200	SCS025	SCS031	SCS040	SCS050	SCS056
	SCS063	SCS071	SCS080	SCS090	SCS100	SCS112	SCS125
	SCS140	SCS160	SCS180	SCS200	APSCR025	APSCR031	APSCR040
	APSCR050	APSCR056	APSCR063	APSCR071	APSCR080	APSCR090	APSCR100
	APSCR112	APSCR125	APSCR140	APSCR160	APSCR180	APSCR200	
	JFSU-CPA-315 2/4-3		JFSR-CPA-315 2/4-3			JFSU-CPA-400 2/4-3	
	JFSU-CPA-400 2-3		JFSR-CPA-400 2/4-3			JFSR-CPA-400 2-3	
<p><i>Models above represent standard sizes – intermediate sizes also covered Where fitted with the Guide Vane, the model code has +GV added (ie. APS025+GV). Where available in the 'Select' product portfolio, the model number will be pre-fixed with the letter 'S' and the fan size expressed in mm instead of cm (ie. APS 025 becomes SAPS250).</i></p>							
Response Delay	N/A						
Resistance to Fire class	F300 (Tested to 300°C, 120mins) * Alternative motor tested to 300°C, 60mins **Alternative motor tested to 300°C, 120mins						
Motor Rating	Class F / Class H						
Ancillaries	Bell mouth inlet Flexible collar – banding Flexible collar – banding Flexible collar – high temp Flexible collar – high temp Flexible collar – banding Guide Vane Impeller side guard Matching flange Motor side guard Mounting Feet Non-return damper (horizontal and vertical) Non-return damper (vertical) Rubber anti-vibration mounting (non-reservoir only) Silencer Spring anti-vibration mounting Access / Inspection Door Electrical Isolator			241-SIZE-BELL SC250M-ITEM SC250M-ITEM 063-SIZE-SC250 063-SIZE-SC250M S25-BANDING/MS 254/SIZE-TYPE 078-SIZE 061-SIZE 070-SIZE 060-SIZE 019-SIZE-STD 019-SIZE-CB 062-TYPE 068-SIZE-TYPE 062-ES CODE 065-TYPE 158-RSA0720			
BSRIA reports 56010-1, 56010-2, 57416-1, 57416-2, 60942/1 & 60942/2 refer.							

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Certificate of Constancy of Performance

No. 2797 CPR 587097

EN 12101-3:2015 certified scope

Suitable Operation: uninsulated, smoke reservoir, emergency, dual purpose, horizontal installation extract fan to class F300

Centrifugal Induction Fans*	Models			
	CYIN 100-4-3	CYIN 50-4-3	CYIN-2-50-4-3	CYIN-2-60-4-3
	JISU-CPC-100N	JISU-CPC-50N	CYIN-2-100-4-3	CYIN-2-120-4-3
			JISU-2-CPC-50N	JISU-2-CPC-60N
		JISU-2-CPC-100N	JISU-2-CPC-120N	
Response Delay	N/A		NA	
Resistance to Fire class	F300		F300 (Tested 300°C for 120 mins)	
Motor Rating	Class F / Class H		Class F / Class H	
Ancillaries	Elta Type 144 Std terminal box Craig & Derricott 32A RY series isolator Santon 69KU series isolator Craig & Derricott RSA series 20 Amp isolator		Elta Type 161 Series terminal box Craig & Derricott RSA series 20 Amp isolator	
	BSRIA Reports 18513B/3 & 19170/14 refers		BSRIA Report 52098/4 issue 2 refers	

Suitable Operation: Insulated, uninsulated, reservoir, non-reservoir, emergency, dual purpose, Horizontal installation extract fans to class F300

Jetvent Axial Fans*	Models		
	JVSU-CPA-315 2/4-3	JVSR-CPA-315 2/4-3	JVSU-CPA-400 2/4-3
	JVSU-CPA-400 2-3	JVSR-CPA-400 2/4-3	JVSR-CPA-400 2-3
Response Delay	N/A		
Resistance to Fire class	F300 (Tested to 300°C, 120mins)		
Motor Rating	Class F / Class H		
Ancillaries	Elta Type 144 Std terminal box Craig & Derricott RSA series 20 Amp isolator		
BSRIA report 52098/6 refers			

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Suitable Operation: Insulated, uninsulated, reservoir, non-reservoir, emergency, dual purpose, horizontal/vertical installation extract fan to class F400

Smokevent Axial Fans *	Models						
	APS025	APS031	APS040	APS050	APS056	APS063	APS071
	APS080	APS090	APS100	APS112	APS125	APS140	SCS025
	SCS031	SCS040	SCS050	SCS056	SCS063	SCS071	SCS080
	SCS090	SCS100	SCS112	SCS125	SCS140	APSCR025	APSCR031
	APSCR040	APSCR050	APSCR056	APSCR063	APSCR071	APSCR080	APSCR090
APSCR100	APSCR12	APSCR125	APSCR140				
Models above represent standard sizes – intermediate sizes also covered Where fitted with the Guide Vane, the model code has +GV added (ie. APS025+GV). Where available in the 'Select' product portfolio, the model number will be pre-fixed with the letter 'S' and the fan size expressed in mm instead of cm (ie. APS 025 becomes SAPS250).							
Response Delay	N/A						
Resistance to Fire class	F400 (Tested to 400°C, 120mins)						
Motor Rating	Class F / Class H						
Ancillaries	Mounting Feet Spring anti-vibration mounting Matching flange Flexible collar high temp SC250 Flexible collar banding SC250 Flexible collar high temp SC250M/PU Flexible collar banding SC250M/PU Flexible collar high temp SC250M/SI Silencer Silencer – Type V Bell mouth inlet Motors side guard Non return damper (Horizontal & Vertical) Non return damper (vertical, counterbalanced) Guide vane Access door Electrical isolator – Craig & Derricott, 158-RSA0720 Electrical isolator – FSDMR0206 Electrical isolator – AB5562F4 Inverter – WEG CFW 701 HVAC Terminal box – 160-ISO-01-TYPE Mounting foot – 060-JF-SIZE Mounting bracket – 260-JF-SIZE						
BSRIA reports 58782/1, 59532/1 & 59532/2 refer							

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Manufacturing Plant

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Shah Alam
Selangor
40150
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Certified Activities

EN 12101-3:2015 Smoke and heat exhaust ventilators



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