

EC-CERTIFICATE OF CONFORMITY

0086-CPD-493001

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

Powered Smoke and Heat Exhaust Ventilators for use in Construction Works

**as detailed on the Supplementary Information Sheet
placed on the market by**

**Elta Fans Limited
17 Barnes Wallis Road, Segensworth East, Fareham, Hampshire,
PO15 5ST**

and produced at the sites detailed on the supplementary information sheets.

is submitted by the manufacturer to a factory production control and to further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body – BSI – has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in the Annex ZA of the standard

EN 12101-3:2002

were applied and that the product fulfils all the prescribed requirements.

For and on behalf of the BSI, a Notified Body for the above Directive
(Notified Body Number 0086):



Gary Fenton, Global Assurance Director

Date: 21 February 2012

This certificate first issued Date: 25 April 2005

This certificate remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the factory product control itself are not modified significantly.

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SUPPLEMENTARY INFORMATION SHEET

Elta Fans Limited
17 Barnes Wallis Road, Segensworth East, Fareham, Hampshire,
PO15 5ST
&
46 Third Avenue, Pensnett Trading Estate, Kingswinford, Birmingham
DY6 7US

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						
	LCS025	LCS031	LCS040	LCS050	LCS056	LCS063	LCS071
	LCS080	LCS090	LCS100	LCS112	LCS125	LCS140	LCS160
	LCS180	LCS200	SCS025	SCS031	SCS040	SCS050	SCS056
	SCS063	SCS071	SCS080	SCS090	SCS100	SCS112	SCS125
	SCS140	SCS160	SCS180	SCS200	LCSCR025	LCSCR031	LCSCR040
	LCSCR050	LCSCR056	LCSCR063	LCSCR071	LCSCR080	LCSCR090	LCSCR100
	LCSCR112	LCSCR125	LCSCR140	LCSCR160	LCSCR180	LCSCR200	
	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		
<i>Models above represent standard sizes – intermediate sizes also covered</i> <i>Where fitted with the Guide Vane, the model code has +GV added (ie. LCS025+GV).</i> <i>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. LCS 025 becomes SLCS250).</i>							
Response Delay	N/A						
Resistance to Fire class	F200 (200°C, 120mins)						
Motor Rating	Class F / Class H						
Ancillaries	Bell mouth inlet			241-SIZE-BELL			
	Flexible collar – banding			SC250M-ITEM			
	Flexible collar – banding			SC250M-ITEM			
	Flexible collar – high temp			063-SIZE-SC250			
	Flexible collar – high temp			063-SIZE-SC250M			
	Flexible collar – banding			S25-BANDING/MS			
	Guide Vane			254/SIZE-TYPE			
	Impeller side guard			078-SIZE			
	Matching flange			061-SIZE			
	Motor side guard			070-SIZE			
	Mounting Feet			060-SIZE			
	Non-return damper (horizontal and vertical)			019-SIZE-STD			
	Non-return damper (vertical)			019-SIZE-CB			
	Rubber anti-vibration mounting (non-reservoir only)			062-TYPE			
	Silencer			068-SIZE-TYPE			
	Spring anti-vibration mounting			062-ES CODE			
	Access / Inspection Door			065-TYPE			
	Electrical Isolator			158-RSA0720			
BSRIA reports 18513B/1, 18513B/2, 19170/17 Edition 3 & 19170/18 Edition 3 refer.							

* All units assembled at Kingswinford will have the prefix K before the running serial number

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DY6 7US

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						
	LCS025	LCS031	LCS040	LCS050	LCS056	LCS063	LCS071
	LCS080	LCS090	LCS100	LCS112	LCS125	LCS140	LCS160
	LCS180	LCS200	SCS025	SCS031	SCS040	SCS050	SCS056
	SCS063	SCS071	SCS080	SCS090	SCS100	SCS112	SCS125
	SCS140	SCS160	SCS180	SCS200	LCSCR025	LCSCR031	LCSCR040
	LCSCR050	LCSCR056	LCSCR063	LCSCR071	LCSCR080	LCSCR090	LCSCR100
	LCSCR112	LCSCR125	LCSCR140	LCSCR160	LCSCR180	LCSCR200	
	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		
<i>Models above represent standard sizes – intermediate sizes also covered Where fitted with the Guide Vane, the model code has +GV added (ie. LCS025+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. LCS 025 becomes SLCS250).</i>							
Response Delay	N/A						
Resistance to Fire class	F300 (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 18513B/1, 18513B/2, , 19170/17 Edition 3 & 19170/18 Edition 3 refer.							

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Elta Fans Limited
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**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	

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

Installation extract fans to class F300 (tested to 300°C, 120mins)			
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 (<i>Tested to 300°C, 120mins</i>)		
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			

Certificate

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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						
	LCS025	LCS031	LCS040	LCS050	LCS056	LCS063	LCS071
	LCS080	LCS090	LCS100	LCS112	LCS125	SCS025	SCS031
	SCS040	SCS050	SCS056	SCS063	SCS071	SCS080	SCS090
	SCS100	SCS112	SCS125	LCSCR025	LCSCR031	LCSCR040	LCSCR050
	LCSCR056	LCSCR063	LCSCR071	LCSCR080	LCSCR090	LCSCR100	LCSCR12
	LCSCR125						
	<i>Models above represent standard sizes – intermediate sizes also covered. Where fitted with the Guide Vane, the model code has +GV added (ie. LCS025+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. LCS 025 becomes SLCS250).</i>						
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 mounts Matching flange Flexible collar – High Temp Flexible collar banding Flexible collar – high temp Flexible collar banding Flexible collar – high temp Flexible collar banding Silencer / attenuator Bell-mouth inlet Motor-side guard Impeller-side guard Non-return damper (for horizontal & vertical AD use) Non-return damper (for all 019-SIZE-CB vertical use) Guide vane Access door Electric isolator			060-SIZE-BELL 062-ES CODE 061-SIZE 063-SIZE-SC250 S25-BANDING/MS 063-SIZE-SC250M/PU SC250M/PU item 063-SIZE-SC250M/SI SC250M/SI 068-SIZE-TYPE 241-SIZE-BELL 070-SIZE 078-SIZE 019-SIZE-STD 019-SIZE-CB 254-SIZE-TYPE 065-TYPE 158-RSA0720			
BSRIA reports 19170/15 & 19170/16 refers							

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