

Loss Prevention Certification Board

LPCB

This is to certify

**Elta Fans Limited**

17 Barnes Wallis Road, Segensworth East Industrial Estate, Farnham,  
Hampshire, PO15 5ST

46 Third Avenue, Pensnett Trading Estate, Kingswinford,  
West Midlands DY6 7US

is authorised to use the LPCB mark in association with the product(s) listed in  
this certificate and appendix.

**SmokeVent axial fan, JetVent Impulse (flanged-standard thrust) axial fan,  
JetVent Impulse (flanged-enhanced thrust) axial fan,  
JetVent centrifugal (Mark I) fan, JetVent centrifugal (Mark II) fan, JetVent  
impulse (unflanged – standard thrust) axial fan.**  
(refer to attached appendix for details)

which have complied with the requirements of the following:

**BS EN 12101-3: 2002 – Smoke and heat control systems, part 3:  
Specification for powered smoke and heat exhaust ventilators**

Certificate No. 937a

Issue No. 03

Date of Issue 08 May 2012

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To check the validity and the authenticity of this certificate please  
visit our website [www.RedBookLive.com](http://www.RedBookLive.com) or contact us.

Signed on behalf of the LPCB



Name: T. Baker



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# Loss Prevention Certification Board

## LPCB

APPENDIX TO CERTIFICATE NO. 937a

Elta Fans Limited

Product name	Model	Application classes	Response delay	Resistance to fire class	Motor temp. rating <sup>1</sup>	LPCB Ref. no.
SmokeVent axial fan <sup>2, 5, 6, 7, 8</sup>	LCS025, LCS031, LCS035, LCS040, LCS045, LCS050, LCS056, LCS063, LCS071, LCS080, LCS090, LCS100, LCS112, LCS125, LCS140, LCS160, LCS180, LCS200, SCS025, SCS031, SCS035, SCS040, SCS045, SCS050, SCS056, SCS063, SCS071, SCS080, SCS090, SCS100, SCS112, SCS125, SCS140, SCS160, SCS180, SCS200, LCSCR025, LCSCR031, LCSCR035, LCSCR040, LCSCR045, LCSCR050, LCSCR056, LCSCR063, LCSCR071, LCSCR080, LCSCR090, LCSCR100, LCSCR112, LCSCR125, LCSCR140, LCSCR160, LCSCR180, LCSCR200	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F200	Class F / Class H	937a/01

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JetVent Impulse (flanged – standard thrust) axial fan <sup>2, 5, 6, 7, 8</sup>	JFSU-CPA-315 2/4-3, JFSU-CPA-400 2/4-3, JFSU-CPA-400 2-3, JFSR-CPA-315 2/4-3, JFSR-CPA-400 2/4-3, JFSR-CPA-400 2-3	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F200	Class F / Class H	937a/01
JetVent Impulse (flanged – enhanced thrust) axial fan <sup>2, 5, 6, 7, 8</sup>	LCS031-CPU 2/4-3, LCS035-CPU 2/4-3, LCS040-CPU 2/4-3, LCS031-CPR 2/4-3, LCS035-CPR 2/4-3, LCS040-CPR 2/4-3	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F200	Class F / Class H	937a/01

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SmokeVent axial fan <sup>2, 5, 6, 7, 8</sup>	LCS025, LCS031, LCS035, LCS040, LCS045, LCS050, LCS056, LCS063, LCS071, LCS080, LCS090, LCS100, LCS112, LCS125, LCS140, LCS160, LCS180, LCS200, SCS025, SCS031, SCS035, SCS040, SCS045, SCS050, SCS056, SCS063, SCS071, SCS080, SCS090, SCS100, SCS112, SCS125, SCS140, SCS160, SCS180, SCS200, LCSCR025, LCSCR031, LCSCR035, LCSCR040, LCSCR045, LCSCR050, LCSCR056, LCSCR063, LCSCR071, LCSCR080, LCSCR090, LCSCR100, LCSCR112, LCSCR125, LCSCR140, LCSCR160, LCSCR180, LCSCR200	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F300 <sup>4</sup>	Class F / Class H	937a/02

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JetVent impulse (flanged – standard thrust) axial fan <sup>2, 5, 6, 7, 8</sup>	JFSU-CPA-315 2/4-3, JFSU-CPA-400 2/4-3, JFSU-CPA-400 2-3, JFSR-CPA-315 2/4-3, JFSR-CPA-400 2/4-3, JFSR-CPA-400 2-3	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F300 <sup>4</sup>	Class F / Class H	937a/02
JetVent impulse (flanged – enhanced thrust) axial fan <sup>2, 5, 6, 7, 8</sup>	LCS031-CPU 2/4-3, LCS035-CPU 2/4-3, LCS040-CPU 2/4-3, LCS031-CPR 2/4-3, LCS035-CPR 2/4-3, LCS040-CPR 2/4-3	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F300 <sup>4</sup>	Class F / Class H	937a/02

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SmokeVent axial fan <sup>2, 5, 6, 7, 8</sup>	LCS025, LCS031, LCS035, LCS040, LCS045, LCS050, LCS056, LCS063, LCS071, LCS080, LCS090, LCS100, LCS112, LCS125, SCS025, SCS031, SCS035, SCS040, SCS045, SCS050, SCS056, SCS063, SCS071, SCS080, SCS090, SCS100, SCS112, SCS125, LCSCR025, LCSCR031, LCSCR035, LCSCR040, LCSCR045, LCSCR050, LCSCR056, LCSCR063, LCSCR071, LCSCR080, LCSCR090, LCSCR100, LCSCR112, LCSCR125	insulated or uninsulated; smoke reservoir or non smoke reservoir; dual purpose or emergency use	N/A	F400	Class F / Class H	937a/03
JetVent centrifugal (Mark I) fan <sup>3, 5, 8</sup>	JISU-CPC-50N, JISU-CPC-100N,	uninsulated; smoke reservoir; dual purpose or emergency use	N/A	F300	Class F / Class H	937a/04

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JetVent - centrifugal (Mark II) fan <sup>3, 5, 8</sup>	JISU-2-CPC-50N, JISU-2-CPC-60N JISU-2-CPC-100N JISU-2-CPC-120N	uninsulated; smoke reservoir; dual purpose or emergency use	N/A	F300 <sup>4</sup>	Class F / Class H	937a/05
JetVent impulse (unflanged - standard thrust) axial fan <sup>3, 5, 8</sup>	JVSU-CPA-315 2/4-3, JVSU-CPA-400 2-3, JVSU-CPA-400 2/4-3, JVSR-CPA-315 2/4-3, JVSR-CPA-400 2-3 JVSR-CPA-400 2/4-3	uninsulated; smoke reservoir; dual purpose or emergency use	N/A	F300 <sup>4</sup>	Class F / Class H	937a/06

**Notes:**

1. Motor temperature rating – classes given refer to temperature rise at ambient and motor insulation as detailed in section 4.2 of EN 12101-3: 2002.
2. Both horizontal and vertical installation is permitted.
3. Horizontal installation only is permitted.
4. Tested to 300°C for 120 minutes.
5. Only certified accessories should be used.
6. Use of guide vanes is permitted. Where this is the case the model code has +GV added, e.g. LCS025+GV.
7. Fan coding of units held within Select stock will be prefixed by the letter 'S', and the size expressed in mm (i.e. LCS025 becomes SLCS250)
8. No ducted cooling air is required.

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