

Certificate of Constancy of Performance

This is to certify that:

Fläkt Woods Limited
Axial Way
Colchester
CO4 5ZD
United Kingdom

Holds Certificate Number:

0086-CPR-474878

In respect of:

EN 12101-3:2015 - Smoke and heat control systems. Specification for 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 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 0086):



Gary Fenton, Global Product Certification Director

First Issued: 2004-09-07

Latest Issue: 2017-06-01



003

Page: 1 of 23

...making excellence a habit.™

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
		31JM/16	35JM/16	40JM/16	40JM/20
	45JM/20	50JM/16	50JM/20	50JM/25	56JM/16
	56JM/20	56JM/25	63JM/20	63JM/25	63JM/31
	71JM/20	71JM/25	71JM/31	80JM/20	80JM/25
	80JM/31	90JM/25	90JM/31	100JM/25	100JM/31
	100JM/40	100JM/50	112JM/31	112JM/40	112JM/50
	125JM/31	125JM/40	125JM/50	140JM/40	140JM/50
	140JM/63	160JM/40	160JM/50	160JM/63	31JMv/14
	31JMv/16	35JMv/14	35JMv/16	40JMv/14	40JMv/16
	40JMv/20	45JMv/16	45JMv/20	50JMv/16	50JMv/20
	56JMv/20	63JMv/20	63JMv/25	63JMv/25	71JMv/25
	80JMv/25	80JMv/31	90JMv/31	100JMv/31	31JMTS/16
	35JMTS/16	40JMTS/16	40JMTS/20	45JMTS/20	50JMTS/20
	50JMTS/25	56JMTS/25	63JMTS/25	63JMTS/31	71JMTS/31
	80JMTS/25	80JMTS/31	90JMTS/31	100JMTS/31	100JMTS/40
	100JMTS/50	112JMTS/40	112JMTS/50	125JMTS/40	125JMTS/50
	140JMTS/40	140JMTS/50	140JMTS/63	160JMTS/50	160JMTS/63
Response Delay	N/A				
Resistance to Fire Class	F200				
Motor Rating	Class B / Class F				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	17867b/4, 53868/10 & 53868/28 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 2 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
		31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20
	45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
	56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
	71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
	80JM-IMI/31	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25	100JM-IMI/31
	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40	112JM-IMI/50
	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50	140JM-IMI/40	140JM-IMI/50
	140JM-IMI/63	160JM-IMI/40	160JM-IMI/50	160JM-IMI/63	31JMv-IMI/14
	31JMv-IMI/16	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14	40JMv-IMI/16
	40JMv-IMI/20	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16	50JMv-IMI/20
	56JMv-IMI/20	63JMv-IMI/20	63JMv-IMI/25	63JMv-IMI/25	71JMv-IMI/25
	80JMv-IMI/25	80JMv-IMI/31	90JMv-IMI/31	100JMv-IMI/31	31JMTS-IMI/16
	35JMTS-IMI/16	40JMTS-IMI/16	40JMTS-IMI/20	45JMTS-IMI/20	50JMTS-IMI/20
	50JMTS-IMI/25	56JMTS-IMI/25	63JMTS-IMI/25	63JMTS-IMI/31	71JMTS-IMI/31
	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31	100JMTS-IMI/31	100JMTS-IMI/40
	100JMTS-IMI/50	112JMTS-IMI/40	112JMTS-IMI/50	125JMTS-IMI/40	125JMTS-IMI/50
	140JMTS-IMI/40	140JMTS-IMI/50	140JMTS-IMI/63	160JMTS-IMI/50	160JMTS-IMI/63
Response Delay	N/A				
Resistance to Fire Class	F200				
Motor Rating	Class B / Class F				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	17867b/4, 53868/28 & 53868/10 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 3 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F200 Aluminium Blade / LM13 Hub	Models				
	71JM(G)/31	125JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/63
	160JM(G)/80	180JM(G)/63	180JM(G)/80	190JM(G)/63	200JM(G)/63
	200JM(G)/80	224JM(G)/63	250JM(G)/63	80JMTS(P,G)/31	140JMTS(P,G)/63
	160JMTS(P,G)/63	160JMTS(P,G)/80	180JMTS(P,G)/63	180JMTS(P,G)/80	200JMTS(P,G)/63
	200JMTS(P,G)/80	224JMTS(P,G)/63	250JMTS(P,G)/63	71JM-IMI/31	125JM-IMI/40
	140JM-IMI/50	140JM-IMI/63	160JM-IMI/63	160JM-IMI/80	180JM-IMI/63
	180JM-IMI/80	190JM-IMI/63	200JM-IMI/63	200JM-IMI/80	224JM-IMI/63
	250JM-IMI/63	80JMTS(P)-IMI/31	140JMTS(P)-IMI/63	160JMTS(P)-IMI/63	160JMTS(P)-IMI/80
	180JMTS(P)-IMI/63	180JMTS(P)-IMI/80	200JMTS(P)-IMI/63	200JMTS(P)-IMI/80	224JMTS(P)-IMI/63
250JMTS(P)-IMI/63					
Response Delay	N/A				
Resistance to Fire Class	F200 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/22 Edition 2 & 53868/23 Edition 2 refer				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 4 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F200 Aluminium Blade / Steel Hub	Models				
	160JM(G)71/16	160JM(G)/80	180JM(G)71/16	180JM(G)/80	200JM(G)80/18
	200JM(G)/80	200JM(G)/100	212JM(G)/100	224JM(G)/80	224JM(G)80/18
	224JM(G)/112	250JM(G)/80	250JM(G)100/16	250JM(G)/100	280JM(G)/80
	280JM(G)/100	280JM(G)/112	280JM(G)125/24	100JMTS(P,G)/50	125JMTS(P,G)/50
	140JMTS(P,G)/71	160JMTS(P,G)/62	160JMTS(P,G)/71	160JMTS(P,G)/80	180JMTS(P,G)/62
	180JMTS(P,G)/71	180JMTS(P,G)/80	180JMTS(P,G)/100	190JMTS(P,G)/80	190JMTS(P,G)/100
	200JMTS(P,G)/80	200JMTS(P,G)/100	212JMTS(P,G)/80	212JMTS(P,G)/100	212JMTS(P,G)/112
	213JMTS(G)80/18	224JMTS(P,G)/80	224JMTS(P,G)/80	224JMTS(P,G)/90	224JMTS(P,G)/100
	224JMTS(P,G)/112	228JMTS(G)80/18	237JMTS(P,G)/80	237JMTS(P,G)/100	237JMTS(P,G)/112
	250JMTS(P,G)/80	250JMTS(P,G)/100	250JMTS(P,G)/112	250JMTS(P,G)/125	265JMTS(P,G)/80
	265JMTS(P,G)/100	265JMTS(P,G)/112	265JMTS(P,G)/125	280JMTS(P,G)/80	280JMTS(P,G)/100
	280JMTS(P,G)/112	280JMTS(P,G)/125	280JMTS(P,G)/140		
Response Delay	N/A				
Resistance to Fire Class	F200 (<i>Tested to 300°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/22 Edition 2 & 53868/23 Edition 2 refer				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 5 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F200 Aluminium Blade / Steel Hub	Models				
	160JM-IMI/80	180JM-IMI/80	200JM-IMI/80	200JM-IMI/100	212JM-IMI/100
	224JM-IMI/80	224JM-IMI/112	250JM-IMI/80	250JM-IMI/100	280JM-IMI/80
	280JM-IMI/100	280JM-IMI/112	100JMTS(P)-IMI/50	125JMTS(P)-IMI/50	160JMTS(P)-IMI/62
	160JMTS(P)-IMI/80	180JMTS(P)-IMI/62	180JMTS(P)-IMI/71	180JMTS(P)-IMI/80	180JMTS(P)-IMI/100
	190JMTS(P)-IMI/80	190JMTS(P)-IMI/100	200JMTS(P)-IMI/80	200JMTS(P)-IMI/100	212JMTS(P)-IMI/80
	212JMTS(P)-IMI/100	212JMTS(P)-IMI/112	224JMTS(P)-IMI/80	224JMTS(P)-IMI/80	224JMTS(P)-IMI/90
	224JMTS(P)-IMI/100	224JMTS(P)-IMI/112	237JMTS(P)-IMI/80	237JMTS(P)-IMI/100	237JMTS(P)-IMI/112
	250JMTS(P)-IMI/80	250JMTS(P)-IMI/100	250JMTS(P)-IMI/112	250JMTS(P)-IMI/125	265JMTS(P)-IMI/80
	265JMTS(P)-IMI/100	265JMTS(P)-IMI/112	265JMTS(P)-IMI/125	280JMTS(P)-IMI/80	280JMTS(P)-IMI/100
280JMTS(P)-IMI/112	280JMTS(P)-IMI/125	280JMTS(P)-IMI/140			
Response Delay	N/A				
Resistance to Fire Class	F200 (<i>Tested to 300°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/22 Edition 2 & 53868/23 Edition 2 refer				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 6 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
		31JM/16	35JM/16	40JM/16	40JM/20
	45JM/20	50JM/16	50JM/20	50JM/25	56JM/16
	56JM/20	56JM/25	63JM/20	63JM/25	63JM/31
	71JM/20	71JM/25	71JM/31	80JM/20	80JM/25
	80JM/31	90JM/25	90JM/31	100JM/25	100JM/31
	100JM/40	100JM/50	112JM/31	112JM/40	112JM/50
	125JM/31	125JM/40	125JM/50	140JM/40	140JM/50
	140JM/63	160JM/40	160JM/50	160JM/63	31JMv/14
	31JMv/16	35JMv/14	35JMv/16	40JMv/14	40JMv/16
	40JMv/20	45JMv/16	45JMv/20	50JMv/16	50JMv/20
	56JMv/20	63JMv/20	63JMv/25	63JMv/25	71JMv/25
	71JMv/25	80JMv/25	80JMv/25	80JMv/31	90JMv/31
	100JMv/31	31JMTS/16	35JMTS/16	40JMTS/16	40JMTS/20
	45JMTS/20	50JMTS/20	50JMTS/25	56JMTS/25	63JMTS/25
	63JMTS/31	71JMTS/31	80JMTS/25	80JMTS/31	90JMTS/31
	100JMTS/31	100JMTS/40	100JMTS/50	112JMTS/40	112JMTS/50
	125JMTS/40	125JMTS/50	140JMTS/40	140JMTS/50	140JMTS/63
	160JMTS/50	160JMTS/63			
Response Delay	N/A				
Resistance to Fire Class	F200 & F300 (<i>Tested to 300°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	53868/25 Edition 4 & 53868/27 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 7 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models					
		31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
	45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16	
	56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31	
	71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25	
	80JM-IMI/31	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25	100JM-IMI/31	
	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40	125JM-IMI/31	
	125JM-IMI/50	125JM-IMI/50	140JM-IMI/40	140JM-IMI/50	160JM-IMI/40	
	160JM-IMI/50	160JM-IMI/50	160JM-IMI/63	160JM-IMI/63	31JMV-IMI/14	
JM HT Aerofoil Class F300 Aluminium Blade & Hub	31JMV-IMI/16	35JMV-IMI/14	35JMV-IMI/16	40JMV-IMI/14	40JMV-IMI/16	
	40JMV-IMI/20	45JMV-IMI/16	45JMV-IMI/20	50JMV-IMI/16	50JMV-IMI/20	
	56JMV-IMI/20	63JMV-IMI/20	63JMV-IMI/25	63JMV-IMI/25	71JMV-IMI/25	
	71JMV-IMI/25	80JMV-IMI/25	80JMV-IMI/25	80JMV-IMI/31	90JMV-IMI/31	
	100JMV-IMI/31	31JMTS-IMI/16	35JMTS-IMI/16	40JMTS-IMI/16	40JMTS-IMI/20	
	45JMTS-IMI/20	50JMTS-IMI/20	50JMTS-IMI/25	56JMTS-IMI/25	63JMTS-IMI/25	
	63JMTS-IMI/31	71JMTS-IMI/31	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31	
	100JMTS-IMI/31	100JMTS-IMI/40	100JMTS-IMI/50	112JMTS-IMI/40	112JMTS-IMI/50	
	125JMTS-IMI/40	125JMTS-IMI/50	140JMTS-IMI/40	140JMTS-IMI/50	140JMTS-IMI/63	
	160JMTS-IMI/50	160JMTS-IMI/63				
	Response Delay	N/A				
	Resistance to Fire Class	F200 & F300 (Tested to 300°C, 120 mins)				
	Motor Rating	Class F / Class H				
	Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
	BSRIA Reports	53868/25 Edition 4 & 53868/27 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 8 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F300 Aluminium Blade / LM13 Hub	Models				
	71JM(G)/31	125JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/63
	160JM(G)/80	180JM(G)/63	180JM(G)/80	190JM(G)/63	200JM(G)/63
	200JM(G)/80	224JM(G)/63	250JM(G)/63	80JMTS(P,G)/31	140JMTS(P,G)/63
	160JMTS(P,G)/63	160JMTS(P,G)/80	180JMTS(P,G)/63	180JMTS(P,G)/80	200JMTS(P,G)/63
	200JMTS(P,G)/80	224JMTS(P,G)/63	250JMTS(P,G)/63	71JM-IMI/31	125JM-IMI/40
	140JM-IMI/50	140JM-IMI/63	160JM-IMI/63	160JM-IMI/80	180JM-IMI/63
	180JM-IMI/80	190JM-IMI/63	200JM-IMI/63	200JM-IMI/80	224JM-IMI/63
	250JM-IMI/63	80JMTS(P)-IMI/31	140JMTS(P)-IMI/63	160JMTS(P)-IMI/63	160JMTS(P)-IMI/80
	180JMTS(P)-IMI/63	180JMTS(P)-IMI/80	200JMTS(P)-IMI/63	200JMTS(P)-IMI/80	224JMTS(P)-IMI/63
	250JMTS(P)-IMI/63				
Response Delay	N/A				
Resistance to Fire Class	F200 & F300 (<i>Tested to 300°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	53868/24 Edition 4, 53868/25 Edition 4 & 53868/27 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 9 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F300 Steel Hub & Aluminium Blades	Models				
	160JM(G)71/16	160JM(G)/80	180JM(G)71/16	180JM(G)/80	200JM(G)80/18
	200JM(G)/80	200JM(G)/100	212JM(G)/100	224JM(G)/80	224JM(G)80/18
	224JM(G)/112	250JM(G)/80	250JM(G)100/16	250JM(G)/100	280JM(G)/80
	280JM(G)/100	280JM(G)/112	280JM(G)125/24	100JMTS(P,G)/50	125JMTS(P,G)/50
	140JMTS(P,G)/71	160JMTS(P,G)/62	160JMTS(P,G)/71	160JMTS(P,G)/80	180JMTS(P,G)/62
	180JMTS(P,G)/71	180JMTS(P,G)/80	180JMTS(P,G)/80	180JMTS(P,G)/100	190JMTS(P,G)/80
	190JMTS(P,G)/100	200JMTS(P,G)/80	200JMTS(P,G)/100	212JMTS(P,G)/80	212JMTS(P,G)/100
	212JMTS(P,G)/112	213JMTS(G)80/18	224JMTS(P,G)/80	224JMTS(P,G)/90	224JMTS(P,G)/100
	224JMTS(P,G)/112	228JMTS(G)80/18	237JMTS(P,G)/80	237JMTS(P,G)/100	237JMTS(P,G)/112
	250JMTS(P,G)/80	250JMTS(P,G)/112	250JMTS(P,G)/125	265JMTS(P,G)/80	265JMTS(P,G)/100
	265JMTS(P,G)/112	265JMTS(P,G)/125	280JMTS(P,G)/80	280JMTS(P,G)/100	280JMTS(P,G)/112
	280JMTS(P,G)/125	280JMTS(P,G)/140			
Response Delay	N/A				
Resistance to Fire Class	F200, F300 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/24 Edition 4, 53868/25 Edition 4 & 53868/27 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 10 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F300 Steel Hub & Aluminium Blades	Models				
	160JM-IMI/80	180JM-IMI/80	200JM-IMI/80	200JM-IMI/100	212JM-IMI/100
	224JM-IMI/80	224JM-IMI/112	250JM-IMI/80	250JM-IMI/100	280JM-IMI/80
	280JM-IMI/100	280JM-IMI/112	100JMTS(P)-IMI/50	125JMTS(P)-IMI/50	160JMTS(P)-IMI/62
	160JMTS(P)-IMI/80	180JMTS(P)-IMI/62	180JMTS(P)-IMI/71	180JMTS(P)-IMI/80	180JMTS(P)-IMI/100
	190JMTS(P)-IMI/80	190JMTS(P)-IMI/100	200JMTS(P)-IMI/80	200JMTS(P)-IMI/100	212JMTS(P)-IMI/80
	212JMTS(P)-IMI/100	212JMTS(P)-IMI/112	224JMTS(P)-IMI/80	224JMTS(P)-IMI/90	224JMTS(P)-IMI/100
	224JMTS(P)-IMI/112	237JMTS(P)-IMI/80	237JMTS(P)-IMI/100	237JMTS(P)-IMI/112	250JMTS(P)-IMI/80
	250JMTS(P)-IMI/112	250JMTS(P)-IMI/125	265JMTS(P)-IMI/80	265JMTS(P)-IMI/100	265JMTS(P)-IMI/112
	265JMTS(P)-IMI/125	280JMTS(P)-IMI/80	280JMTS(P)-IMI/100	280JMTS(P)-IMI/112	280JMTS(P)-IMI/125
280JMTS(P)-IMI/140					
Response Delay	N/A				
Resistance to Fire Class	F200, F300 (<i>Tested to 300°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/24 Edition 4, 53868/25 Edition 4 & 53868/27 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 11 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
		31JM/16	35JM/16	40JM/16	40JM/20
	45JM/20	50JM/16	50JM/20	50JM/25	56JM/16
	56JM/20	56JM/25	63JM/20	63JM/25	63JM/31
	71JM/20	71JM/25	71JM/31	80JM/20	80JM/25
	80JM/31	90JM/25	90JM/31	100JM/25	100JM/31
	100JM/40	100JM/50	112JM/31	112JM/40	112JM/50
	125JM/31	125JM/40	125JM/50	31JMv/14	31JMv/16
	35JMv/14	35JMv/16	40JMv/14	40JMv/16	40JMv/20
	45JMv/16	45JMv/20	50JMv/16	50JMv/20	56JMv/20
	63JMv/20	63JMv/25	71JMv/25	80JMv/25	80JMv/31
	90JMv/31	100JMv/31	31JMTS/16	35JMTS/16	40JMTS/16
	40JMTS/20	45JMTS/20	50JMTS/20	56JMTS/25	63JMTS/25
	63JMTS/31	71JMTS/31	80JMTS/25	80JMTS/31	90JMTS/31
	100JMTS/31	100JMTS/40	100JMTS/50	112JMTS/40	112JMTS/50
	125JMTS/40	125JMTS/50			
Response Delay	N/A				
Resistance to Fire Class	F200, F300 & F400 (<i>Tested to 400°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	53868/14, 53868/15 & 53868/26 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 12 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

JM HT Aerofoil Class F400 Aluminium Blade / LM6 Hubs	Models				
	31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
	45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
	56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
	71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
	80JM-IMI/31	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25	100JM-IMI/31
	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40	112JM-IMI/50
	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50	31JMv-IMI/14	31JMv-IMI/16
	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14	40JMv-IMI/16	40JMv-IMI/20
	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16	50JMv-IMI/20	56JMv-IMI/20
	63JMv-IMI/20	63JMv-IMI/25	71JMv-IMI/25	80JMv-IMI/25	80JMv-IMI/31
	90JMv-IMI/31	100JMv-IMI/31	31JMTS-IMI/16	35JMTS-IMI/16	40JMTS-IMI/16
	40JMTS-IMI/20	45JMTS-IMI/20	50JMTS-IMI/20	56JMTS-IMI/25	63JMTS-IMI/25
	63JMTS-IMI/31	71JMTS-IMI/31	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31
	100JMTS-IMI/31	100JMTS-IMI/40	100JMTS-IMI/50	112JMTS-IMI/40	112JMTS-IMI/50
	125JMTS-IMI/40	125JMTS-IMI/50			
	Response Delay	N/A			
Resistance to Fire Class	F200, F300 & F400 (Tested to 400°C, 120 mins)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	53868/14, 53868/15 & 53868/26 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 13 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models					
		31JM/16	35JM/16	40JM/16	40JM/20	45JM/16
	45JM/20	50JM/16	50JM/20	50JM/25	56JM/16	
	56JM/20	56JM/25	63JM/20	63JM/25	63JM/31	
	71JM/20	71JM/25	71JM/31	80JM/20	80JM/25	
	80JM/31	90JM/25	90JM/31	100JM/25	100JM/31	
	100JM/40	100JM/50	112JM/31	112JM/40	112JM/50	
	125JM/31	125JM/40	125JM/50	140JM/40	140JM/50	
	140JM/63	160JM/40	160JM/50	160JM/63	180JM/63	
	200JM/63	200JM/80	224JM/63	250JM/63	31JMV/14	
JM HT Aerofoil Class F400 LM13 Blade & Hubs	31JMV/16	35JMV/14	35JMV/16	40JMV/14	40JMV/16	
	40JMV/20	45JMV/16	45JMV/20	50JMV/16	50JMV/20	
	56JMV/20	63JMV/20	63JMV/25	63JMV/25	71JMV/25	
	80JMV/25	80JMV/31	90JMV/31	100JMV/31	140JMV/50	
	31JMTS/16	35JMTS/16	40JMTS/16	40JMTS/20	45JMTS/20	
	50JMTS/20	50JMTS/25	56JMTS/25	63JMTS/25	63JMTS/31	
	71JMTS/31	80JMTS/25	80JMTS/31	90JMTS/31	100JMTS/31	
	100JMTS/40	100JMTS/50	112JMTS/40	112JMTS/50	125JMTS/40	
	125JMTS/50	140JMTS/40	140JMTS/50	140JMTS/63	160JMTS/50	
	160JMTS/63	160JMTS/80	180JMTS/63	180JMTS/80	200JMTS/63	
	200JMTS/80	224JMTS/63	250JMTS/63			
	Response Delay	N/A				
	Resistance to Fire Class	F200, F300 & F400 (<i>Tested to 400°C, 120 mins</i>)				
	Motor Rating	Class F / Class H				
	Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
	BSRIA Reports	53868/14, 53868/15 & 53868/26 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 14 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
		31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20
	45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
	56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
	71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
	80JM-IMI/31	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25	100JM-IMI/31
	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40	112JM-IMI/50
	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50	140JM-IMI/40	140JM-IMI/50
	140JM-IMI/63	160JM-IMI/40	160JM-IMI/50	160JM-IMI/63	180JM-IMI/63
	200JM-IMI/63	200JM-IMI/80	224JM-IMI/63	250JM-IMI/63	31JMV-IMI/14
	31JMV-IMI/16	35JMV-IMI/14	35JMV-IMI/16	40JMV-IMI/14	40JMV-IMI/16
	40JMV-IMI/20	45JMV-IMI/16	45JMV-IMI/20	50JMV-IMI/16	50JMV-IMI/20
	56JMV-IMI/20	63JMV-IMI/20	63JMV-IMI/25	63JMV-IMI/25	71JMV-IMI/25
	80JMV-IMI/25	80JMV-IMI/31	90JMV-IMI/31	100JMV-IMI/31	140JMV-IMI/50
	31JMTS-IMI/16	35JMTS-IMI/16	40JMTS-IMI/16	40JMTS-IMI/20	45JMTS-IMI/20
	50JMTS-IMI/20	50JMTS-IMI/25	56JMTS-IMI/25	63JMTS-IMI/25	63JMTS-IMI/31
	71JMTS-IMI/31	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31	100JMTS-IMI/31
	100JMTS-IMI/40	100JMTS-IMI/50	112JMTS-IMI/40	112JMTS-IMI/50	125JMTS-IMI/40
	125JMTS-IMI/50	140JMTS-IMI/40	140JMTS-IMI/50	140JMTS-IMI/63	160JMTS-IMI/50
	160JMTS-IMI/63	160JMTS-IMI/80	180JMTS-IMI/63	180JMTS-IMI/80	200JMTS-IMI/63
	200JMTS-IMI/80	224JMTS-IMI/63	250JMTS-IMI/63		
Response Delay	N/A				
Resistance to Fire Class	F200, F300 & F400 (<i>Tested to 400°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings.				
BSRIA Reports	53868/14, 53868/15 & 53868/26 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 15 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

	Models				
	JM HT Aerofoil Class F400 Steel Blade & Hub	112JMTS(G)50	125JMTS(G)50	160JMTS(G)71	180JMTS(G)80
140JM(G)62		160JM(G)62	160JM(G)80	180JM(G)80	200JM(G)80
224JM(G)80		250JM(G)100	280JM(G)140	140JMF(G)/62	160JMF(G)/62
180JMF(G)/72		200JMF(G)/80	200JMF(G)/90	224JMF(G)/80	224JMF(G)/112
250JMF(G)/100		250JMF(G)/140	280JMF(G)/140	100JMFTS(P,G)/50	125JMFTS(P,G)/50
140JMFTS(P,G)/62		160JMFTS(P,G)/62	180JMFTS(P,G)/72	200JMFTS(P,G)/80	200JMFTS(P,G)/90
224JMFTS(P,G)/80		224JMFTS(P,G)/112	250JMFTS(P,G)/100	250JMFTS(P,G)/140	280JMFTS(P,G)/140
140JMF-IMI/62		160JMF-IMI/62	180JMF-IMI/72	200JMF-IMI/80	200JMF-IMI/90
224JMF-IMI/80		224JMF-IMI/112	250JMF-IMI/100	250JMF-IMI/140	280JMF-IMI/140
100JMFTS(P)-IMI/50		125JMFTS(P)-IMI/50	140JMFTS(P)-IMI/62	160JMFTS(P)-IMI/62	180JMFTS(P)-IMI/72
200JMFTS(P)-IMI/80		200JMFTS(P)-IMI/90	224JMFTS(P)-IMI/80	224JMFTS(P)-IMI/112	250JMFTS(P)-IMI/100
250JMFTS(P)-IMI/140		280JMFTS(P)-IMI/140			
Response Delay		N/A			
Resistance to Fire Class	F200, F300 & F400 (<i>Tested to 400°C, 120 mins</i>)				
Motor Rating	Class F / Class H				
Ancillaries	Mounting brackets, Matching Flanges, Fire Resistant Flexible Connectors, Bell mouth, Guard, Silencers, Air Deflector vanes, Downstream guide vanes, Air operated Dampers, Vibration isolators, Craig and Derricott isolators, Moeller Isolators & Anti stall rings				
BSRIA Reports	53868/14, 53868/15 & 53868/26 refer.				

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 16 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Car Park Range

Induction Thrust Fans

Induction Thrust Fan (ITF)	Models		
	N50	N75	N100
Response Delay	N/A		
Resistance to Fire class	F200 & F300 (<i>tested to 300°C, 120mins</i>)		
Motor Rating	Class F / Class H		
Ancillaries	Craig & Derricott Fire Rated Isolator		
BSRIA Report 53868-16 refers.			

Induction Thrust Fan (ITF)	Models	
	IF504804	50N
Response Delay	N/A	
Resistance to Fire class	F400 (<i>tested to 400°C, 120mins</i>)	
Motor Rating	Class H	
Ancillaries	Craig & Derricott Isolator	
BSRIA Report 57479/2 refers.		

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 17 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F200 Car Park Models - 200°C/2Hrs

Product	Diameter	Product Code	Accessories
Slim Line & Slim Line Max Thrust	315mm	31JT/2SL/UBB	Inlet & Outlet Guards
		31JT/2SL/UBD	Inlet Guard & Outlet Deflector
		31JT/2SL/RBB	Inlet & Outlet Guards
		31JT/2SL/RDD	Inlet Guard & Outlet Deflector
	355mm	35JT/2SL/UBB	Inlet & Outlet Guards
		35JT/2SL/UBD	Inlet Guard & Outlet Deflector
		35JT/2SL/RBB	Inlet & Outlet Guards
		35JT/2SL/RDD	Inlet Guard & Outlet Deflector
	400mm	40JT/2SL/UBB	Inlet & Outlet Guards
		40JT/2SL/UBD	Inlet Guard & Outlet Deflector
		40JT/2SL/RBB	Inlet & Outlet Guards
		40JT/2SL/RDD	Inlet Guard & Outlet Deflector
	315mm	31JT/2SLMT/UBB	Inlet & Outlet Guards
		31JT/2SLMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/2SLMT/UBB	Inlet & Outlet Guards
		35JT/2SLMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/2SLMT/UBB	Inlet & Outlet Guards
		40JT/2SLMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/2SL/UBB	Inlet & Outlet Guards
		31JTv/2SL/UBD	Inlet Guard & Outlet Deflector
355mm	35JTv/2SL/UBB	Inlet & Outlet Guards	
	35JTv/2SL/UBD	Inlet Guard & Outlet Deflector	
400mm	40JTv/2SL/UBB	Inlet & Outlet Guards	
	40JTv/2SL/UBD	Inlet Guard & Outlet Deflector	
Low Profile & Low Profile Max Thrust	315mm	31JT/2LP/UBB	Inlet & Outlet Guards
		31JT/2LP/UBD	Inlet Guard & Outlet Deflector
		31JT/2LP/RBB	Inlet & Outlet Guards
		31JT/2LP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/2LP/UBB	Inlet & Outlet Guards
		35JT/2LP/UBD	Inlet Guard & Outlet Deflector
		35JT/2LP/RBB	Inlet & Outlet Guards
		35JT/2LP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/2LP/UBB	Inlet & Outlet Guards
		40JT/2LP/UBD	Inlet Guard & Outlet Deflector
		40JT/2LP/RBB	Inlet & Outlet Guards
		40JT/2LP/RDD	Inlet & Outlet Deflectors
BSRIA Report 53868/29 refers			

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 18 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F200 Car Park Models - 200°C/2Hrs (continued)

Product	Diameter	Product Code	Accessories
Low Profile & Low Profile Max Thrust	315mm	31JT/2LPMT/UBB	Inlet & Outlet Guards
		31JT/2LPMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/2LPMT/UBB	Inlet & Outlet Guards
		35JT/2LPMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/2LPMT/UBB	Inlet & Outlet Guards
		40JT/2LPMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/2LP/UBB	Inlet & Outlet Guards
		31JTv/2LP/UBD	Inlet Guard & Outlet Deflector
	355mm	35JTv/2LP/UBB	Inlet & Outlet Guards
		35JTv/2LP/UBD	Inlet Guard & Outlet Deflector
	400mm	40JTv/2LP/UBB	Inlet & Outlet Guards
		40JTv/2LP/UBD	Inlet Guard & Outlet Deflector
Standard	315mm	31JT/2SP/UBB	Inlet & Outlet Guards
		31JT/2SP/UBD	Inlet Guard & Outlet Deflector
		31JT/2SP/RBB	Inlet & Outlet Guards
		31JT/2SP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/2SP/UBB	Inlet & Outlet Guards
		35JT/2SP/UBD	Inlet Guard & Outlet Deflector
		35JT/2SP/RBB	Inlet & Outlet Guards
		35JT/2SP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/2SP/UBB	Inlet & Outlet Guards
		40JT/2SP/UBD	Inlet Guard & Outlet Deflector
		40JT/2SP/RBB	Inlet & Outlet Guards
		40JT/2SP/RDD	Inlet & Outlet Deflectors
Compact Profile	315mm	31JT/2CP/UBB	Inlet & Outlet Guards
		31JT/2CP/UBD	Inlet Guard & Outlet Deflector
		31JT/2CP/RBB	Inlet & Outlet Guards
		31JT/2CP/RDD	Inlet & Outlet Deflectors
EV	400mm	40JT/2EV/UBB	Inlet & Outlet Guards
		40JT/2EV/RBB	Inlet & Outlet Guards
BSRIA Report 53868/29 refers			

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 19 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F300 Car Park Models - 300°C/2Hrs

Product	Diameter	Product Code	Accessories
Slim Line & Slim Line Max Thrust	315mm	31JT/3SL/UBB	Inlet & Outlet Guards
		31JT/3SL/UBD	Inlet Guard & Outlet Deflector
		31JT/3SL/RBB	Inlet & Outlet Guards
		31JT/3SL/RDD	Inlet Guard & Outlet Deflector
	355mm	35JT/3SL/UBB	Inlet & Outlet Guards
		35JT/3SL/UBD	Inlet Guard & Outlet Deflector
		35JT/3SL/RBB	Inlet & Outlet Guards
		35JT/3SL/RDD	Inlet Guard & Outlet Deflector
	400mm	40JT/3SL/UBB	Inlet & Outlet Guards
		40JT/3SL/UBD	Inlet Guard & Outlet Deflector
		40JT/3SL/RBB	Inlet & Outlet Guards
		40JT/3SL/RDD	Inlet Guard & Outlet Deflector
	315mm	31JT/3SLMT/UBB	Inlet & Outlet Guards
		31JT/3SLMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/3SLMT/UBB	Inlet & Outlet Guards
		35JT/3SLMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/3SLMT/UBB	Inlet & Outlet Guards
		40JT/3SLMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/3SL/UBB	Inlet & Outlet Guards
		31JTv/3SL/UBD	Inlet Guard & Outlet Deflector
355mm	35JTv/3SL/UBB	Inlet & Outlet Guards	
	35JTv/3SL/UBD	Inlet Guard & Outlet Deflector	
400mm	40JTv/3SL/UBB	Inlet & Outlet Guards	
	40JTv/3SL/UBD	Inlet Guard & Outlet Deflector	
Low Profile & Low Profile Max Thrust	315mm	31JT/3LP/UBB	Inlet & Outlet Guards
		31JT/3LP/UBD	Inlet Guard & Outlet Deflector
		31JT/3LP/RBB	Inlet & Outlet Guards
		31JT/3LP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/3LP/UBB	Inlet & Outlet Guards
		35JT/3LP/UBD	Inlet Guard & Outlet Deflector
		35JT/3LP/RBB	Inlet & Outlet Guards
		35JT/3LP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/3LP/UBB	Inlet & Outlet Guards
		40JT/3LP/UBD	Inlet Guard & Outlet Deflector
		40JT/3LP/RBB	Inlet & Outlet Guards
		40JT/3LP/RDD	Inlet & Outlet Deflectors
BSRIA Report 53868/29 refers			

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 20 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F300 Car Park Models - 300°C/2Hrs (continued)

Product	Diameter	Product Code	Accessories
Low Profile & Low Profile Max Thrust	315mm	31JT/3LPMT/UBB	Inlet & Outlet Guards
		31JT/3LPMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/3LPMT/UBB	Inlet & Outlet Guards
		35JT/3LPMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/3LPMT/UBB	Inlet & Outlet Guards
		40JT/3LPMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/3LP/UBB	Inlet & Outlet Guards
		31JTv/3LP/UBD	Inlet Guard & Outlet Deflector
	355mm	35JTv/3LP/UBB	Inlet & Outlet Guards
		35JTv/3LP/UBD	Inlet Guard & Outlet Deflector
	400mm	40JTv/3LP/UBB	Inlet & Outlet Guards
		40JTv/3LP/UBD	Inlet Guard & Outlet Deflector
Standard	315mm	31JT/3SP/UBB	Inlet & Outlet Guards
		31JT/3SP/UBD	Inlet Guard & Outlet Deflector
		31JT/3SP/RBB	Inlet & Outlet Guards
		31JT/3SP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/3SP/UBB	Inlet & Outlet Guards
		35JT/3SP/UBD	Inlet Guard & Outlet Deflector
		35JT/3SP/RBB	Inlet & Outlet Guards
		35JT/3SP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/3SP/UBB	Inlet & Outlet Guards
		40JT/3SP/UBD	Inlet Guard & Outlet Deflector
		40JT/3SP/RBB	Inlet & Outlet Guards
		40JT/3SP/RDD	Inlet & Outlet Deflectors
Compact Profile	315mm	31JT/3CP/UBB	Inlet & Outlet Guards
		31JT/3CP/UBD	Inlet Guard & Outlet Deflector
		31JT/3CP/RBB	Inlet & Outlet Guards
		31JT/3CP/RDD	Inlet & Outlet Deflectors
EV	400mm	40JT/3EV/UBB	Inlet & Outlet Guards
		40JT/3EV/RBB	Inlet & Outlet Guards
BSRIA Report 53868/29 refers			

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 21 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F400 Car Park Models - 400°C/2Hrs

Product	Diameter	Product Code	Accessories
Slim Line & Slim Line Max Thrust	315mm	31JT/4SL/UBB	Inlet & Outlet Guards
		31JT/4SL/UBD	Inlet Guard & Outlet Deflector
		31JT/4SL/RBB	Inlet & Outlet Guards
		31JT/4SL/RDD	Inlet Guard & Outlet Deflector
	355mm	35JT/4SL/UBB	Inlet & Outlet Guards
		35JT/4SL/UBD	Inlet Guard & Outlet Deflector
		35JT/4SL/RBB	Inlet & Outlet Guards
		35JT/4SL/RDD	Inlet Guard & Outlet Deflector
	400mm	40JT/4SL/UBB	Inlet & Outlet Guards
		40JT/4SL/UBD	Inlet Guard & Outlet Deflector
		40JT/4SL/RBB	Inlet & Outlet Guards
		40JT/4SL/RDD	Inlet Guard & Outlet Deflector
	315mm	31JT/4SLMT/UBB	Inlet & Outlet Guards
		31JT/4SLMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/4SLMT/UBB	Inlet & Outlet Guards
		35JT/4SLMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/4SLMT/UBB	Inlet & Outlet Guards
		40JT/4SLMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/4SL/UBB	Inlet & Outlet Guards
		31JTv/4SL/UBD	Inlet Guard & Outlet Deflector
355mm	35JTv/4SL/UBB	Inlet & Outlet Guards	
	35JTv/4SL/UBD	Inlet Guard & Outlet Deflector	
400mm	40JTv/4SL/UBB	Inlet & Outlet Guards	
	40JTv/4SL/UBD	Inlet Guard & Outlet Deflector	
Low Profile & Low Profile Max Thrust	315mm	31JT/4LP/UBB	Inlet & Outlet Guards
		31JT/4LP/UBD	Inlet Guard & Outlet Deflector
		31JT/4LP/RBB	Inlet & Outlet Guards
		31JT/4LP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/4LP/UBB	Inlet & Outlet Guards
		35JT/4LP/UBD	Inlet Guard & Outlet Deflector
		35JT/4LP/RBB	Inlet & Outlet Guards
		35JT/4LP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/4LP/UBB	Inlet & Outlet Guards
		40JT/4LP/UBD	Inlet Guard & Outlet Deflector
		40JT/4LP/RBB	Inlet & Outlet Guards
		40JT/4LP/RDD	Inlet & Outlet Deflectors

BSRIA Report 53868/29 refers

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 22 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-474878

Jet Thrust Fans

F400 Car Park Models - 400°C/2Hrs (continued)

Product	Diameter	Product Code	Accessories
Low Profile & Low Profile Max Thrust	315mm	31JT/4LPMT/UBB	Inlet & Outlet Guards
		31JT/4LPMT/UBD	Inlet Guard & Outlet Deflector
	355mm	35JT/4LPMT/UBB	Inlet & Outlet Guards
		35JT/4LPMT/UBD	Inlet Guard & Outlet Deflector
	400mm	40JT/4LPMT/UBB	Inlet & Outlet Guards
		40JT/4LPMT/UBD	Inlet Guard & Outlet Deflector
	315mm	31JTv/4LP/UBB	Inlet & Outlet Guards
		31JTv/4LP/UBD	Inlet Guard & Outlet Deflector
	355mm	35JTv/4LP/UBB	Inlet & Outlet Guards
		35JTv/4LP/UBD	Inlet Guard & Outlet Deflector
	400mm	40JTv/4LP/UBB	Inlet & Outlet Guards
		40JTv/4LP/UBD	Inlet Guard & Outlet Deflector
Standard	315mm	31JT/4SP/UBB	Inlet & Outlet Guards
		31JT/4SP/UBD	Inlet Guard & Outlet Deflector
		31JT/4SP/RBB	Inlet & Outlet Guards
		31JT/4SP/RDD	Inlet & Outlet Deflectors
	355mm	35JT/4SP/UBB	Inlet & Outlet Guards
		35JT/4SP/UBD	Inlet Guard & Outlet Deflector
		35JT/4SP/RBB	Inlet & Outlet Guards
		35JT/4SP/RDD	Inlet & Outlet Deflectors
	400mm	40JT/4SP/UBB	Inlet & Outlet Guards
		40JT/4SP/UBD	Inlet Guard & Outlet Deflector
		40JT/4SP/RBB	Inlet & Outlet Guards
		40JT/4SP/RDD	Inlet & Outlet Deflectors
Compact Profile	315mm	31JT/4CP/UBB	Inlet & Outlet Guards
		31JT/4CP/UBD	Inlet Guard & Outlet Deflector
		31JT/4CP/RBB	Inlet & Outlet Guards
		31JT/4CP/RDD	Inlet & Outlet Deflectors
EV	400mm	40JT/4EV/UBB	Inlet & Outlet Guards
		40JT/4EV/RBB	Inlet & Outlet Guards
BSRIA Report 53868/29 refers			

First Issued: 2004-09-07

Latest Issue: 2017-06-01

Page: 23 of 23

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.