

# Kitemark™ Certificate

This is to certify that:

Fläkt Woods Limited  
T/A Woods Air Movement  
Axial Way  
Colchester  
CO4 5ZD  
United Kingdom

Holds Certificate Number:

KM 670914

In respect of:

**BS EN 12101-3: 2015**  
**Powered smoke and heat exhaust ventilators**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2017-04-18

Effective Date: 2022-09-14

Latest Issue: 2022-09-14

Expiry Date: 2025-11-11

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# Kitemark™ Certificate

No. KM 670914

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

JM HT Aerofoil Class F200  Aluminium Blade & Hub	Fan diameter (mm)				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
Fan models	JM(G) JMv(G) JMTS(G)				
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 & Thermistors				
BSRIA Reports	53868/10, 53868/22 Edition 2, 53868/23 Edition 2 & 61438/3 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model coding	Refer to Annex A				

JM HT Aerofoil Class F200  Aluminium Blade & Hub	Fan diameter (mm)				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
Fan models	JM-IMI JMv-IMI JMTS-IMI				
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 & Thermistors				
BSRIA Reports	61438/3, 53868/10, 53868/22 Edition 2 & 53868/23 Edition 2 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model coding	Refer to Annex A				

First Issued: 2017-04-18

Latest Issue: 2022-09-14

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# Kitemark™ Certificate

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JM HT Aerofoil Class F200  Aluminium Blade / LM13 Hub	Fan diameter (mm)				
	710	800	1250	1400	1600
	1800	1900	2000	2240	2500
Fan models	JM(G)				
	JMTS(P, G)				
	JM-IMI				
	JMTS(P)-IMI				
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 & Thermistors.				
BSRIA Reports	53868/22 Edition 2, 53868/23 Edition 2 & 61438/3 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model coding	Refer to Annex A				

JM HT Aerofoil Class F200 Aluminium Blade / Steel Hub	Fan diameter (mm)				
	1000	1250	1400	1600	1800
	2000	2120	2240	2500	2800
Fan Models	JM(G)				
	JMTS(P, G)				
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 & Thermistors				
BSRIA Reports	53868/22 Edition 2, 53868/23 Edition 2 & 61438/3 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
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No. KM 670914

<b>JM HT Aerofoil Class F200 Aluminium Blade / Steel Hub</b>	<b>Fan Diameter (mm)</b>				
	1000	1250	1600	1800	1900
	2000	2120	2240	2370	2500
	2650	2800			
Fan Models	JM-IMI				
	JM(TS)(P)-IMI				
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 & Thermistors				
BSRIA Reports	53868/22 Edition 2, 53868/23 Edition 2 & 61438/3 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model coding	Refer to Annex A				

<b>JM HT Aerofoil Class F300  Aluminium Blade &amp; Hub</b>	<b>Fan Diameter (mm)</b>				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
Fan Models	JM(G)				
	JMv(G)				
	JM(TS)(G)				
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 & Thermistors.				
BSRIA Reports	61217/1 Edition 2, 61217/2, 61217/3 Edition 2 & 61438/2 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex B				

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JM HT Aerofoil Class F300  Aluminium Blade & Hub	Fan Diameter (mm)				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
Fan Models	JM-IMI				
	JMv-IMI				
	JM-TS-IMI				
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 & Thermistors				
BSRIA Reports	61217/1 Edition 2, 61217/2, 61217/3 Edition 2 & 61438/2 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex B				

JM HT Aerofoil Class F300  Aluminium Blade / LM13 Hub	Fan Diameter (mm)				
	710	800	1250	1400	1600
	1800	1900	2000	2240	2500
Fan Models	JM(G)				
	JM-TS(P, G)				
	JM-IMI				
	JM-TS(P)-IMI				
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 & Thermistors				
BSRIA Reports	61217/1 Edition 2, 61217/2, 61217/3 Edition 2 & 61438/2 refer				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex B				

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No. KM 670914

<b>JM HT Aerofoil Class F300</b>  <b>Steel Hub &amp; Aluminium Blades</b>	<b>Fan Diameter (mm)</b>				
	1400	1600	1800	2000	2120
	2240	2280	2370	2500	2650
	2800				
Fan Models	JM(G) JM(TS (P, G))				
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 & Thermistors				
BSRIA Reports	61217/1 Edition 2, 61217/2, 61217/3 Edition 2 & 61438/2 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex B				

<b>JM HT Aerofoil Class F300</b>  <b>Steel Hub &amp; Aluminium Blades</b>	<b>Fan Diameter (mm)</b>				
	1000	1250	1600	1800	2000
	2240	2280	2370	2500	2650
	2800				
Fan Models	JM-IMI JM(TS(P)-IMI)				
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 & Thermistors				
BSRIA Reports	61217/1 Edition 2, 61217/2, 61217/3 Edition 2 & 61438/2				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex B				

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# Kitemark™ Certificate

No. KM 670914

<b>JM HT Aerofoil Class F400</b>  <b>Aluminium Blade / LM6 Hubs</b>	<b>Fan diameter (mm)</b>				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250		
Fan Models	JM(G)				
	JMv(G)				
	JMvTS(G)				
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 & Thermistors				
BSRIA Reports	61217/4 Edition 3, 61217/6 Edition 3 & 61438/1 refer				
Inverter	Refer to technical annex 884720 for manufacturer approved drives				
Model coding	Refer to Annex C				

<b>JM HT Aerofoil Class F400</b>  <b>Aluminium Blade / LM6 Hubs</b>	<b>Fan Diameter (mm)</b>				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250		
Fan Models	JM-IMI				
	JMv-IMI				
	JMvTS-IMI				
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 & Thermistors				
BSRIA Reports	61217/4 Edition 3, 61217/6 Edition 3 & 61438/1 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex C				

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# Kitemark™ Certificate

No. KM 670914

<b>JM HT Aerofoil Class F400</b> <b>LM13 Blade &amp; Hubs</b>	<b>Fan Diameter (mm)</b>				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
	1800	2000	2240	2500	
Fan Models	JM(G)				
	JMv(G)				
	JMTS(G)				
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 & Thermistors				
BSRIA Reports	61217/4 Edition 3, 61217/6 Edition 3 & 61438/1 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex C				

<b>JM HT Aerofoil Class F400</b> <b>LM13 Blade &amp; Hubs</b>	<b>Fan Diameter (mm)</b>				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250	1400	1600
	1800	2000	2240	2500	
Fan Models	JM-IMI				
	JMv-IMI				
	JMTS-IMI				
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 & Thermistors				
BSRIA Reports	61217/4 Edition 3, 61217/6 Edition 3 & 61438/1 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex C				

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# Kitemark™ Certificate

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JM HT Aerofoil Class F400  Steel Blade & Hub	Fan Diameter (mm)				
	1000	1120	1250	1400	1600
	1800	2000	2240	2500	2800
Fan Models	JM(TS)(G)				
	JM(G)				
	JM(F)(G)				
	JM(F)(TS)(P, G)				
	JM(F)-IMI				
	JM(F)(TS)(P)				
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 & Thermistors				
BSRIA Reports	61217/4 Edition 3, 61217/6 Edition 3 & 61438/1 refer.				
Inverters	Refer to technical annex 884720 for manufacturer approved drives				
Model Coding	Refer to Annex C				

JMF BIF Aerofoil Class F600  Steel Blade & Hub	Models				
	40JMF.BIF(600)/16	50JMF.BIF(600)/20	63JMF.BIF(600)/25	63JMF.BIF(600)/32	80JMF.BIF(600)/32
	100JMF.BIF(600)/40	112JMF.BIF(600)/44	125JMF.BIF(600)/50		
Response Delay	N/A				
Resistance to Fire Class	F200, F300, F400 & F600 ( <i>Tested to 600°C, 120 mins</i> )				
Motor Rating	Class F / Class H				
Ancillaries	Mounting feet, Matching Flanges, Flexible Connectors, Air operated Dampers, Anti-Vibration Mounts				
BSRIA Reports	60623/1 refers.				

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# Kitemark™ Certificate

No. KM 670914

## Car Park Range

### Induction Thrust Fans

Induction Thrust Fan (ITF)	Models		
	N50	N75	N100
Response Delay	N/A		
Resistance to Fire class	F200 & F300 (tested to 300°C, 120mins)		
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 (tested to 400°C, 120mins)	
Motor Rating	Class H	
Ancillaries	Craig & Derricott Isolator	
BSRIA Report 57479/2 refers.		

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A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 670914

Jet Thrust Fans Class F200	Fan Diameter (mm)			
	315	355	400	
Fan Models	Slim Line			
	Slim Line Max Thrust			
	Low Profile			
	Low Profile Max Thrust			
	Standard			
	Compact Profile			
	EV			
Resistance to Fire Class	F200			
Accessories	Inlet Guards and Outer Deflector, Inlet and Outlet Guards			
Ancillaries	Thermistors			
BSRIA Reports	53868/29, & 61438/3 refer.			
Inverters	Refer to technical annex 884720 for manufacturer approved drives			
Model Coding	Refer to Annex D			

Jet Thrust Fans Class F300	Fan Diameter (mm)			
	315	355	400	
Fan Models	Slim Line			
	Slim Line Max Thrust			
	Low Profile			
	Low Profile Max Thrust			
	Standard			
	Compact Profile			
	EV			
Resistance to Fire Class	F300			
Accessories	Inlet Guards and Outer Deflector, Inlet and Outlet Guards			
Ancillaries	Thermistors			
BSRIA Reports	53868/29, & 61438/2 refer.			
Inverters	Refer to technical annex 884720 for manufacturer approved drives			
Model Coding	Refer to Annex E			

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# Kitemark™ Certificate

No. KM 670914

Jet Thrust Fans Class F400	Fan Diameter (mm)			
	315	355	400	
Fan Models	Slim Line			
	Slim Line Max Thrust			
	Low Profile			
	Low Profile Max Thrust			
	Standard			
	Compact Profile			
	EV			
Resistance to Fire Class	F400			
Accessories	Inlet Guards and Outer Deflector, Inlet and Outlet Guards			
Ancillaries	Thermistors			
BSRIA Reports	53868/29, & 61438/1 refer.			
Inverters	Refer to technical annex 884720 for manufacturer approved drives			
Model Coding	Refer to Annex F			

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Please refer to the relevant corresponding BSRIA test report for the alternative model coding that can be applied to the models referred to within the below annexes;

## Annex A

<b>200°C / 2hrs</b>				
<b>JM Aerofoil Fan Range – LM6 IMPELLER DETAILS</b>				
31JM/16	35JM/16	40JM/16	40JM/20	45JM/16
31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
45JM/20	50JM/16	50JM/20	50JM/25	56JM/16
45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
56JM/20	56JM/25	63JM/20	63JM/25	63JM/31
56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
71JM/20	71JM/25	71JM/31	80JM/20	80JM/25
71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
80JM/31	90JM/25	90JM/31	100JM/25	100JM/31
80JM-IMI/31	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25	100JM-IMI/31
100JM/40	100JM/50	112JM/31	112JM/40	112JM/50
100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40	112JM-IMI/50
112JM/50	125JM/31	125JM/40	125JM/50	140JM/40
112JM-IMI/50	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50	140JM-IMI/40
140JM/50	140JM/63	160JM/40	160JM/50	160JM/63
140JM-IMI/50	140JM-IMI/63	160JM-IMI/40	160JM-IMI/50	160JM-IMI/63
<b>200°C / 2hrs</b>				
<b>Unidirectional - LM6 Hub LM6 Blade. (LM13 material also permitted)</b>				
31JMv/14	31JMv/16	35JMv/14	35JMv/16	40JMv/14
31JMv-IMI/14	31JMv-IMI/16	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14
40JMv/16	40JMv/20	45JMv/16	45JMv/20	50JMv/16
40JMv-IMI/16	40JMv-IMI/20	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16
50JMv/20	56JMv/20	63JMv/20	63JMv/25	63JMv/25
50JMv-IMI/20	56JMv-IMI/20	63JMv-IMI/20	63JMv-IMI/25	63JMv-IMI/25
71JMv/25	71JMv/25	80JMv/25	80JMv/25	80JMv/31
71JMv-IMI/25	71JMv-IMI/25	80JMv-IMI/25	80JMv-IMI/25	80JMv-IMI/31
90JMv/31	100JMv/31			
90JMv-IMI/31	100JMv-IMI/31			
<b>200°C / 2hrs</b>				
<b>Reversible - LM6 Hub LM6 Blade. (LM13 material also permitted)</b>				
31JMSTS/16	35JMSTS/16	40JMSTS/16	40JMSTS/20	45JMSTS/20
31JMSTS-IMI/16	35JMSTS-IMI/16	40JMSTS-IMI/16	40JMSTS-IMI/20	45JMSTS-IMI/20
50JMSTS/20	50JMSTS/20	50JMSTS/25	56JMSTS/25	63JMSTS/25
50JMSTS-IMI/20	50JMSTS-IMI/20	50JMSTS-IMI/25	56JMSTS-IMI/25	63JMSTS-IMI/25
63JMSTS/31	71JMSTS/31	80JMSTS/25	80JMSTS/25	80JMSTS/31
63JMSTS-IMI/31	71JMSTS-IMI/31	80JMSTS-IMI/25	80JMSTS-IMI/25	80JMSTS-IMI/31
80JMSTS/31	80JMSTS/31	90JMSTS/31	90JMSTS/31	100JMSTS/31
80JMSTS-IMI/31	80JMSTS-IMI/31	90JMSTS-IMI/31	90JMSTS-IMI/31	100JMSTS-IMI/31
100JMSTS/31	100JMSTS/40	100JMSTS/40	100JMSTS/50	112JMSTS/40
100JMSTS-IMI/31	100JMSTS-IMI/40	100JMSTS-IMI/40	100JMSTS-IMI/50	112JMSTS-IMI/40
112JMSTS/40	112JMSTS/50	112JMSTS/50	112JMSTS/50	125JMSTS/40
112JMSTS-IMI/40	112JMSTS-IMI/50	112JMSTS-IMI/50	112JMSTS-IMI/50	125JMSTS-IMI/40
125JMSTS/40	125JMSTS/50	125JMSTS/50	125JMSTS/50	125JMSTS/50
125JMSTS-IMI/40	125JMSTS-IMI/50	125JMSTS-IMI/50	125JMSTS-IMI/50	125JMSTS-IMI/50
140JMSTS/50	140JMSTS/40	140JMSTS/50	140JMSTS/50	140JMSTS/50
125JMSTS-IMI/50	140JMSTS-IMI/40	140JMSTS-IMI/50	140JMSTS-IMI/50	140JMSTS-IMI/50
140JMSTS/50	140JMSTS/63	160JMSTS/50	160JMSTS/50	160JMSTS/50
140JMSTS-IMI/50	140JMSTS-IMI/63	160JMSTS-IMI/50	160JMSTS-IMI/50	160JMSTS-IMI/50
160JMSTS/50	160JMSTS/63			
160JMSTS-IMI/50	160JMSTS-IMI/63			

First Issued: 2017-04-18

Latest Issue: 2022-09-14

Effective Date: 2022-09-14

Expiry Date: 2025-11-11

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# Kitemark™ Certificate

No. KM 670914

## Annex A (continued)

<b>200°C / 2hrs</b>				
<b>Unidirectional Impellers</b>				
<b>LM6 Aluminium Blade</b>				
<b>LM13 Aluminium Hub</b>				
71JM(G)/31	125JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/63
71JM-IMI/31	125JM-IMI/40	140JM-IMI/50	140JM-IMI/63	160JM-IMI/63
160JM(G)/80	180JM(G)/63	180JM(G)/80	190JM(G)/63	200JM(G)/63
160JM-IMI/80	180JM-IMI/63	180JM-IMI/80	190JM-IMI/63	200JM-IMI/63
224JM(G)/63	250JM(G)/63			
224JM-IMI/63	250JM-IMI/63			
<b>200°C / 2hrs</b>				
<b>Reversible Impellers</b>				
<b>LM6 Aluminium Blade</b>				
<b>LM13 Aluminium Hub</b>				
80JMTS(P,G)/31	140JMTS(P,G)/63	160JMTS(P,G)/63	160JMTS(P,G)/80	180JMTS(P,G)/63
80JMTS(P)-IMI/31	140JMTS(P)-IMI/63	160JMTS(P)-IMI/63	160JMTS(P)-IMI/80	180JMTS(P)-IMI/63
180JMTS(P,G)/80	200JMTS(P,G)/63	200JMTS(P,G)/80	224JMTS(P,G)/63	250JMTS(P,G)/63
180JMTS(P)-IMI/80	200JMTS(P)-IMI/63	200JMTS(P)-IMI/80	224JMTS(P)-IMI/63	250JMTS(P)-IMI/63
<b>200°C / 2hrs</b>				
<b>Unidirectional</b>				
<b>Aluminium Blade &amp; Steel Hub</b>				
160JM(G)71/16	160JM(G)/80	180JM(G)71/16	180JM(G)/80	200JM(G)/80/18
	160JM-IMI/80		180JM-IMI/80	
200JM(G)/80	200JM(G)/80	212JM(G)/100	224JM(G)/80	224JM(G)/80/18
200JM-IMI/80	200JM-IMI/100	212JM-IMI/100	224JM-IMI/80	280JM(G)/80
224JM-IMI/112	250JM(G)/80	250JM(G)/100/16	250JM(G)/100	280JM-IMI/80
224JM-IMI/112	250JM-IMI/80			
280JM(G)/100	280JM(G)/112	280JM(G)/125/24		
280JM-IMI/100	280JM-IMI/112			
<b>200°C / 2hrs</b>				
<b>Reversible</b>				
<b>Aluminium Blade &amp; Steel Hub</b>				
100JMTS(P,G)/50	125JMTS(P,G)/50	140JMTS(P,G)/71	160JMTS(P,G)/62	160JMTS(P,G)/71
100JMTS(P)-IMI/50	125JMTS(P)-IMI/50		160JMTS(P)-IMI/62	
160JMTS(P,G)/80	180JMTS(P,G)/62	180JMTS(P,G)/71	180JMTS(P,G)/80	180JMTS(P,G)/100
160JMTS(P)-IMI/80	180JMTS(P)-IMI/62	180JMTS(P)-IMI/71	180JMTS(P)-IMI/80	180JMTS(P)-IMI/100
190JMTS(P,G)/80	190JMTS(P,G)/100	200JMTS(P,G)/80	200JMTS(P,G)/100	212JMTS(P,G)/80
190JMTS(P)-IMI/80	190JMTS(P)-IMI/100	200JMTS(P)-IMI/80	200JMTS(P)-IMI/100	212JMTS(P)-IMI/80
212JMTS(P,G)/100	212JMTS(P,G)/112	213JMTS(P,G)/80/18	224JMTS(P,G)/80	224JMTS(P,G)/90
212JMTS(P)-IMI/100	212JMTS(P)-IMI/112		224JMTS(P)-IMI/80	224JMTS(P)-IMI/90
224JMTS(P,G)/100	224JMTS(P,G)/112	228JMTS(P,G)/80/18	237JMTS(P,G)/80	237JMTS(P,G)/100
224JMTS(P)-IMI/100	224JMTS(P)-IMI/112		237JMTS(P)-IMI/80	237JMTS(P)-IMI/100
237JMTS(P,G)/112	250JMTS(P,G)/80	250JMTS(P,G)/100	250JMTS(P,G)/112	250JMTS(P,G)/125
237JMTS(P)-IMI/112	250JMTS(P)-IMI/80	250JMTS(P)-IMI/100	250JMTS(P)-IMI/112	250JMTS(P)-IMI/125
265JMTS(P,G)/80	265JMTS(P,G)/100	265JMTS(P,G)/112	265JMTS(P,G)/125	280JMTS(P,G)/80
265JMTS(P)-IMI/80	265JMTS(P)-IMI/100	265JMTS(P)-IMI/112	265JMTS(P)-IMI/125	280JMTS(P)-IMI/80
280JMTS(P,G)/100	280JMTS(P,G)/112	280JMTS(P,G)/125	280JMTS(P,G)/140	
280JMTS(P)-IMI/100	280JMTS(P)-IMI/112	280JMTS(P)-IMI/125	280JMTS(P)-IMI/140	

First Issued: 2017-04-18

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# Kitemark™ Certificate

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## Annex B

<b>300°C / 2hrs</b>				
<b>Unidirectional - LM6 Hub LM6 Blade. (LM13 material also permitted)</b>				
31JM(G)/16	35JM(G)/16	40JM(G)/16	40JM(G)/20	45JM(G)/16
31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
45JM(G)/20	50JM(G)/16	50JM(G)/20	50JM(G)/25	56JM(G)/16
45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
56JM(G)/20	56JM(G)/25	63JM(G)/20	63JM(G)/25	63JM(G)/31
56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
71JM(G)/20	71JM(G)/25	71JM(G)/31	80JM(G)/20	80JM(G)/25
71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
80JM(G)/31	80JM(G)/40	90JM(G)/25	90JM(G)/31	100JM(G)/25
80JM-IMI/31	80JM-IMI/40	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25
100JM(G)/31	100JM(G)/40	100JM(G)/50	112JM(G)/31	112JM(G)/40
100JM-IMI/31	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40
112JM(G)/50	112JM(G)/50	125JM(G)/31	125JM(G)/40	125JM(G)/50
112JM-IMI/50	112JM-IMI/50	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50
140JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/40	160JM(G)/50
140JM-IMI/40	140JM-IMI/50	140JM-IMI/63	160JM-IMI/40	160JM-IMI/50
160JM(G)/63	160JM-IMI/63			
<b>300°C / 2hrs</b>				
<b>Unidirectional - LM6 Hub LM6 Blade. (LM13 material also permitted)</b>				
31JMv(G)/14	31JMv(G)/16	35JMv(G)/14	35JMv(G)/16	40JMv(G)/14
31JMv-IMI/14	31JMv-IMI/16	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14
40JMv(G)/16	40JMv(G)/20	45JMv(G)/16	45JMv(G)/20	50JMv(G)/16
40JMv-IMI/16	40JMv-IMI/20	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16
50JMv(G)/20	56JMv(G)/20	63JMv(G)/20	63JMv(G)/25	71JMv(G)/25
50JMv-IMI/20	56JMv-IMI/20	63JMv-IMI/20	63JMv-IMI/25	71JMv-IMI/25
80JMv(G)/25	80JMv(G)/31	90JMv(G)/31	100JMv(G)/31	100JMv(G)/40
80JMv-IMI/25	80JMv-IMI/31	90JMv-IMI/31	100JMv-IMI/31	100JMv-IMI/40
100JMv(G)/50	112JMv(G)/50	112JMv(G)/40	112JMv(G)/50	125JMv(G)/50
100JMv-IMI/50	112JMv-IMI/50	112JMv-IMI/40	112JMv-IMI/50	125JMv-IMI/50
140JMv(G)/50	140JMv(G)/50	160JMv(G)/50	160JMv(G)/50	
140JMv-IMI/50	140JMv-IMI/50	160JMv-IMI/50	160JMv-IMI/50	

First Issued: 2017-04-18

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## Annex B (continued)

<b>300°C / 2hrs</b>				
<b>Reversible - LM6 Hub LM6 Blade. (LM13 material also permitted)</b>				
31JMTS/16	35JMTS/16	40JMTS/16	40JMTS/20	45JMTS/20
31JMTS-IMI/16	35JMTS-IMI/16	40JMTS-IMI/16	40JMTS-IMI/20	45JMTS-IMI/20
50JMTS/20	50JMTS/25	56JMTS/25	63JMTS/25	63JMTS/31
50JMTS-IMI/20	50JMTS-IMI/25	56JMTS-IMI/25	63JMTS-IMI/25	63JMTS-IMI/31
71JMTS/31	80JMTS/25	80JMTS/31	90JMTS/31	100JMTS/31
71JMTS-IMI/31	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31	100JMTS-IMI/31
100JMTS/40	100JMTS/50	112JMTS/40	125JMTS/40	112JMTS/50
100JMTS-IMI/40	100JMTS-IMI/50	112JMTS-IMI/40	125JMTS-IMI/40	112JMTS-IMI/50
125JMTS/50	140JMTS/40	140JMTS/50	140JMTS/63	160JMTS/50
125JMTS-IMI/50	140JMTS-IMI/40	140JMTS-IMI/50	140JMTS-IMI/63	160JMTS-IMI/50
160JMTS/63	160JMTS/80			
160JMTS-IMI/63	160JMTS-IMI/80			
<b>300°C / 2hrs</b>				
<b>LM6 Aluminium Blade LM13 Aluminium Hub</b>				
71JM(G)/31	125JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/63
71JM-IMI/31	125JM-IMI/40	140JM-IMI/50	140JM-IMI/63	160JM-IMI/63
160JM(G)/63	160JM(G)/63	160JM(G)/63	160JM(G)/80	180JM(G)/63
160JM-IMI/63	160JM-IMI/63	160JM-IMI/63	160JM-IMI/80	180JM-IMI/63
180JM(G)/80	190JM(G)/63	200JM(G)/63	200JM(G)/80	224JM(G)/63
180JM-IMI/80	190JM-IMI/63	200JM-IMI/63	200JM-IMI/80	224JM-IMI/63
250JM(G)/63				
250JM-IMI/63				
<b>300°C / 2hrs</b>				
<b>Reversible Impellers</b>				
<b>LM6 Aluminium Blade LM13 Aluminium Hub</b>				
80JMTS(P,G)/31	140JMTS(P,G)/63	160JMTS(P,G)/63	160JMTS(P,G)/80	180JMTS(P,G)/63
80JMTS(P)-IMI/31	140JMTS(P)-IMI/63	160JMTS(P)-IMI/63	160JMTS(P)-IMI/80	180JMTS(P)-IMI/63
180JMTS(P,G)/80	200JMTS(P,G)/63	200JMTS(P,G)/80	224JMTS(P,G)/63	250JMTS(P,G)/63
180JMTS(P)-IMI/80	200JMTS(P)-IMI/63	200JMTS(P)-IMI/80	224JMTS(P)-IMI/63	250JMTS(P)-IMI/63
<b>300°C/2hrs</b>				
<b>Unidirectional Aluminium Blade &amp; Steel Hub</b>				
160JM(G)71/16	160JM(G)80	180JM(G)71/16	180JM(G)80	200JM(G)80/18
160JM-IMI/71/16	160JM-IMI/80	180JM-IMI/71/16	180JM-IMI/80	200JM-IMI/80
200JM(G)80	200JM(G)100	212JM(G)100	224JM(G)80	224JM(G)80/18
200JM-IMI/80	200JM-IMI/100	212JM-IMI/100	224JM-IMI/80	224JM-IMI/80/18
224JM(G)112	250JM(G)80	250JM(G)100/16	250JM(G)100	280JM(G)80
224JM-IMI/112	250JM-IMI/80	250JM-IMI/100/16	250JM-IMI/100	280JM-IMI/80
280JM(G)100	280JM(G)112	280JM(G)125/24		
280JM-IMI/100	280JM-IMI/112	280JM-IMI/125/24		

First Issued: 2017-04-18

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## Annex B (continued)

300°C/2hrs				
<b>Reversible</b>				
<b>Aluminium Blade &amp; Steel Hub</b>	<b>300°C/2hrs</b>			
100JMTS(P,G)/50	125JMTS(P,G)/50	140JMTS(P,G)/71	160JMTS(P,G)/62	160JMTS(P,G)/71
100JMTS(P)-IMI/50	125JMTS(P)-IMI/50	140JMTS(P)-IMI/71	160JMTS(P)-IMI/62	160JMTS(P)-IMI/71
160JMTS(P,G)/80	180JMTS(P,G)/62	180JMTS(P,G)/71	180JMTS(P,G)/80	180JMTS(P,G)/100
160JMTS(P)-IMI/80	180JMTS(P)-IMI/62	180JMTS(P)-IMI/71	180JMTS(P)-IMI/80	180JMTS(P)-IMI/100
190JMTS(P,G)/80	190JMTS(P,G)/100	200JMTS(P,G)/80	200JMTS(P,G)/100	212JMTS(P,G)/80
190JMTS(P)-IMI/80	190JMTS(P)-IMI/100	200JMTS(P)-IMI/80	200JMTS(P)-IMI/100	212JMTS(P)-IMI/80
212JMTS(P,G)/100	212JMTS(P,G)/112	213JMTS(P,G)/80/18	224JMTS(P,G)/80	224JMTS(P,G)/90
212JMTS(P)-IMI/100	212JMTS(P)-IMI/112	213JMTS(P)-IMI/80/18	224JMTS(P)-IMI/80	224JMTS(P)-IMI/90
224JMTS(P,G)/100	224JMTS(P,G)/112	228JMTS(P,G)/80/18	237JMTS(P,G)/80	237JMTS(P,G)/90
224JMTS(P)-IMI/100	224JMTS(P)-IMI/112	228JMTS(P)-IMI/80/18	237JMTS(P)-IMI/80	237JMTS(P)-IMI/90
237JMTS(P,G)/100	237JMTS(P,G)/112	250JMTS(P,G)/80	250JMTS(P,G)/100	250JMTS(P,G)/112
237JMTS(P)-IMI/100	237JMTS(P)-IMI/112	250JMTS(P)-IMI/80	250JMTS(P)-IMI/100	250JMTS(P)-IMI/112
250JMTS(P,G)/125	265JMTS(P,G)/80	265JMTS(P,G)/100	265JMTS(P,G)/112	265JMTS(P,G)/125
250JMTS(P)-IMI/125	265JMTS(P)-IMI/80	265JMTS(P)-IMI/100	265JMTS(P)-IMI/112	265JMTS(P)-IMI/125
265JMTS(P,G)/80	265JMTS(P,G)/100	280JMTS(P,G)/112	280JMTS(P,G)/125	280JMTS(P,G)/140
280JMTS(P)-IMI/80	280JMTS(P)-IMI/100	280JMTS(P)-IMI/112	280JMTS(P)-IMI/125	280JMTS(P)-IMI/140

First Issued: 2017-04-18  
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# Kitemark™ Certificate

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## Annex C

<b>400°C / 2hrs</b>				
<b>Fan/Impeller Range – LM6 Hub, LM6 JM(G) Blades</b>				
31JM(G)/16	35JM(G)/16	40JM(G)/16	40JM(G)/20	45JM(G)/16
31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
45JM(G)/20	50JM(G)/16	50JM(G)/20	50JM(G)/25	56JM(G)/16
45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
56JM(G)/20	56JM(G)/25	63JM(G)/20	63JM(G)/25	63JM(G)/31
56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
71JM(G)/20	71JM(G)/25	71JM(G)/31	80JM(G)/20	80JM(G)/25
71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
80JM(G)/31	80JM(G)/40	90JM(G)/25	90JM(G)/31	100JM(G)/25
80JM-IMI/31	80JM-IMI/40	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25
100JM(G)/31	100JM(G)/40	100JM(G)/50	112JM(G)/31	112JM(G)/40
100JM-IMI/31	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40
112JM(G)/50	112JM(G)/50	125JM(G)/31	125JM(G)/40	125JM(G)/50
112JM-IMI/50	112JM-IMI/50	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50
<b>400°C / 2hrs</b>				
<b>Unidirectional – LM6 Hub LM6 Blade</b>				
31JMv(G)/14	31JMv(G)/16	35JMv(G)/14	35JMv(G)/16	40JMv(G)/14
31JMv-IMI/14	31JMv-IMI/16	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14
40JMv(G)/16	40JMv(G)/20	45JMv(G)/16	45JMv(G)/20	50JMv(G)/16
40JMv-IMI/16	40JMv-IMI/20	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16
50JMv(G)/20	56JMv(G)/20	63JMv(G)/20	63JMv(G)/25	71JMv(G)/25
50JMv-IMI/20	56JMv-IMI/20	63JMv-IMI/20	63JMv-IMI/25	71JMv-IMI/25
80JMv(G)/25	80JMv(G)/31	90JMv(G)/31	100JMv(G)/31	100JMv(G)/40
80JMv-IMI/25	80JMv-IMI/31	90JMv-IMI/31	100JMv-IMI/31	100JMv-IMI/40
100JMv(G)/50	112JMv(G)/40	112JMv(G)/50	125JMv(G)/50	
100JMv-IMI/50	112JMv-IMI/40	112JMv-IMI/50	125JMv-IMI/50	

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# Kitemark™ Certificate

No. KM 670914

## Annex C (continued)

400°C / 2hrs				
Reversible – LM6 Hub LM6 Blade				
31JMTS/16	35JMTS/16	40JMTS/16	40JMTS/20	45JMTS/20
31JMTS-IMI/16	35JMTS-IMI/16	40JMTS-IMI/16	40JMTS-IMI/20	45JMTS-IMI/20
50JMTS/20	50JMTS/25	56JMTS/25	63JMTS/25	63JMTS/31
50JMTS-IMI/20	50JMTS-IMI/25	56JMTS-IMI/25	63JMTS-IMI/25	63JMTS-IMI/31
71JMTS/31	80JMTS/25	80JMTS/31	90JMTS/31	100JMTS/31
71JMTS-IMI/31	80JMTS-IMI/25	80JMTS-IMI/31	90JMTS-IMI/31	100JMTS-IMI/31
100JMTS/40	100JMTS/50	112JMTS/40	112JMTS/50	125JMTS/40
100JMTS-IMI/40	100JMTS-IMI/50	112JMTS-IMI/40	112JMTS-IMI/50	125JMTS-IMI/40
125JMTS/50				
125JMTS-IMI/50				

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# Kitemark™ Certificate

No. KM 670914

## Annex C (continued)

400°C / 2hrs				
Fan/Impeller Range – LM13 Hub, LM13 JM(G) Blades				
31JM(G)/16	35JM(G)/16	40JM(G)/16	40JM(G)/20	45JM(G)/16
31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/16
45JM(G)/20	50JM(G)/16	50JM(G)/20	50JM(G)/25	56JM(G)/16
45JM-IMI/20	50JM-IMI/16	50JM-IMI/20	50JM-IMI/25	56JM-IMI/16
56JM(G)/20	56JM(G)/25	63JM(G)/20	63JM(G)/25	63JM(G)/31
56JM-IMI/20	56JM-IMI/25	63JM-IMI/20	63JM-IMI/25	63JM-IMI/31
71JM(G)/20	71JM(G)/25	71JM(G)/31	80JM(G)/20	80JM(G)/25
71JM-IMI/20	71JM-IMI/25	71JM-IMI/31	80JM-IMI/20	80JM-IMI/25
80JM(G)/31	80JM(G)/40	90JM(G)/25	90JM(G)/31	100JM(G)/25
80JM-IMI/31	80JM-IMI/40	90JM-IMI/25	90JM-IMI/31	100JM-IMI/25
100JM(G)/31	100JM(G)/40	100JM(G)/50	112JM(G)/31	112JM(G)/40
100JM-IMI/31	100JM-IMI/40	100JM-IMI/50	112JM-IMI/31	112JM-IMI/40
112JM(G)/50	112JM(G)/50	125JM(G)/31	125JM(G)/40	125JM(G)/50
112JM-IMI/50	112JM-IMI/50	125JM-IMI/31	125JM-IMI/40	125JM-IMI/50
140JM(G)/40	140JM(G)/50	140JM(G)/63	160JM(G)/40	160JM(G)/50
140JM-IMI/40	140JM-IMI/50	140JM-IMI/63	160JM-IMI/40	160JM-IMI/50
160JM(G)/63	180JM(G)/63	200JM(G)/63	200JM(G)/80	224JM(G)/63
160JM-IMI/63	180JM-IMI/63	200JM-IMI/63	200JM-IMI/80	224JM-IMI/63
250JM(G)/63				
250JM-IMI/63				
400°C / 2hrs				
Unidirectional - LM13 Hub LM13 Blade				
31JMv(G)/14	31JMv(G)/16	35JMv(G)/14	35JMv(G)/16	40JMv(G)/14
31JMv-IMI/14	31JMv-IMI/16	35JMv-IMI/14	35JMv-IMI/16	40JMv-IMI/14
40JMv(G)/16	40JMv(G)/20	45JMv(G)/16	45JMv(G)/20	50JMv(G)/16
40JMv-IMI/16	40JMv-IMI/20	45JMv-IMI/16	45JMv-IMI/20	50JMv-IMI/16
50JMv(G)/20	56JMv(G)/20	63JMv(G)/20	63JMv(G)/25	71JMv(G)/25
50JMv-IMI/20	56JMv-IMI/20	63JMv-IMI/20	63JMv-IMI/25	71JMv-IMI/25
80JMv(G)/25	80JMv(G)/31	90JMv(G)/31	100JMv(G)/31	100JMv(G)/40
80JMv-IMI/25	80JMv-IMI/31	90JMv-IMI/31	100JMv-IMI/31	100JMv-IMI/40
100JMv(G)/50	112JMv(G)/40	112JMv(G)/50	125JMv(G)/50	140JMv(G)/50
100JMv-IMI/50	112JMv-IMI/40	112JMv-IMI/50	125JMv-IMI/50	140JMv-IMI/50
140JMv(G)/50	160JMv(G)/50	160JMv(G)/50		
140JMv-IMI/50	160JMv-IMI/50	160JMv-IMI/50		

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## Annex C (continued)

<b>400°C / 2hrs</b>				
<b>Reversible - LM13 Hub LM13 Blade</b>				
31JM/16	35JM/16	40JM/16	40JM/20	45JM/20
31JM-IMI/16	35JM-IMI/16	40JM-IMI/16	40JM-IMI/20	45JM-IMI/20
50JM/20	50JM/25	56JM/25	63JM/25	63JM/31
50JM-IMI/20	50JM-IMI/25	56JM-IMI/25	63JM-IMI/25	63JM-IMI/31
71JM/31	80JM/25	80JM/31	90JM/31	100JM/31
71JM-IMI/31	80JM-IMI/25	80JM-IMI/31	90JM-IMI/31	100JM-IMI/31
100JM/40	100JM/50	112JM/40	112JM/50	125JM/40
100JM-IMI/40	100JM-IMI/50	112JM-IMI/40	112JM-IMI/50	125JM-IMI/40
125JM/50	140JM/40	140JM/50	140JM/63	160JM/50
125JM-IMI/50	140JM-IMI/40	140JM-IMI/50	140JM-IMI/63	160JM-IMI/50
160JM/63	160JM/80	180JM/63	180JM/80	200JM/63
160JM-IMI/63	160JM-IMI/80	180JM-IMI/63	180JM-IMI/80	200JM-IMI/63
200JM/80	224JM/63	250JM/63		
200JM-IMI/80	224JM-IMI/63	250JM-IMI/63		
<b>400°C / 2hrs</b>				
<b>Fan/Impeller Range - Steel Hub, Steel Blades</b>				
112JM(G)50	125JM(G)50	160JM(G)71	180JM(G)80	200JM(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		
<b>400°C / 2hrs</b>				
<b>Unidirectional Steel Blade &amp; Steel Hub</b>				
140JMF(G)/62	160JMF(G)/62	180JMF(G)/72	200JMF(G)/80	200JMF(G)/90
140JMF-IMI/62	160JMF-IMI/62	180JMF-IMI/72	200JMF-IMI/80	200JMF-IMI/90
224JMF(G)/80	224JMF(G)/112	250JMF(G)/100	250JMF(G)/112	250JMF(G)/140
224JMF-IMI/80	224JMF-IMI/112	250JMF-IMI/100	250JMF-IMI/112	250JMF-IMI/140
280JMF(G)/140				
280JMF-IMI/140				
<b>400°C / 2hrs</b>				
<b>Reversible</b>				
<b>Steel Blade &amp; Steel Hub</b>		<b>400°C/2hrs</b>		
100JMFTS(P,G)/50	125JMFTS(P,G)/50	140JMFTS(P,G)/62	160JMFTS(P,G)/62	180JMFTS(P,G)/72
100JMFTS(P)-IMI/50	125JMFTS(P)-IMI/50	140JMFTS(P)-IMI/62	160JMFTS(P)-IMI/62	180JMFTS(P)-IMI/72
200JMFTS(P,G)/80	200JMFTS(P,G)/90	224JMFTS(P,G)/80	224JMFTS(P,G)/112	250JMFTS(P,G)/100
200JMFTS(P)-IMI/80	200JMFTS(P)-IMI/90	224JMFTS(P)-IMI/80	224JMFTS(P)-IMI/112	250JMFTS(P)-IMI/100
250JMFTS(P,G)/112	250JMFTS(P,G)/140	280JMFTS(P,G)/140		
250JMFTS(P)-IMI/112	250JMFTS(P)-IMI/140	280JMFTS(P)-IMI/140		

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## Annex D

Jet Thrust Fans				
F200 Car Park Models - 200°C/2Hrs				
31JT/2SL/UBB	31JT/2SL/UBD	31JT/2SL/RBB	31JT/2SL/RDD	35JT/2SL/UBB
35JT/2SL/UBD	35JT/2SL/RBB	35JT/2SL/RDD	40JT/2SL/UBB	40JT/2SL/UBD
40JT/2SL/RBB	40JT/2SL/RDD	31JT/2SLMT/UBB	31JT/2SLMT/UBD	35JT/2SLMT/UBB
35JT/2SLMT/UBD	40JT/2SLMT/UBB	40JT/2SLMT/UBD	31JTv/2SL/UBB	31JTv/2SL/UBD
35JTv/2SL/UBB	35JTv/2SL/UBD	40JTv/2SL/UBB	40JTv/2SL/UBD	31JT/2LP/UBB
31JT/2LP/UBD	31JT/2LP/RBB	31JT/2LP/RDD	35JT/2LP/UBB	35JT/2LP/UBD
35JT/2LP/RBB	35JT/2LP/RDD	40JT/2LP/UBB	40JT/2LP/UBD	40JT/2LP/RBB
40JT/2LP/RDD				
31JT/2LPMT/UBB	31JT/2LPMT/UBD	35JT/2LPMT/UBB	35JT/2LPMT/UBD	40JT/2LPMT/UBB
40JT/2LPMT/UBD	31JTv/2LP/UBB	31JTv/2LP/UBD	35JTv/2LP/UBB	35JTv/2LP/UBD
40JTv/2LP/UBB	40JTv/2LP/UBD			
31JT/2SP/UBB	31JT/2SP/UBD	31JT/2SP/RBB	31JT/2SP/RDD	35JT/2SP/UBB
35JT/2SP/UBD	35JT/2SP/RBB	35JT/2SP/RDD	40JT/2SP/UBB	40JT/2SP/UBD
40JT/2SP/RBB	40JT/2SP/RDD			
31JT/2CP/UBB	31JT/2CP/UBD	31JT/2CP/RBB	31JT/2CP/RDD	40JT/2EV/UBB
40JT/2EV/RBB				

## Annex E

Jet Thrust Fans				
F300 Car Park Models - 300°C/2Hrs				
31JT/3SL/UBB	31JT/3SL/UBD	31JT/3SL/RBB	31JT/3SL/RDD	35JT/3SL/UBB
35JT/3SL/UBD	35JT/3SL/RBB	35JT/3SL/RDD	40JT/3SL/UBB	40JT/3SL/UBD
40JT/3SL/RBB	40JT/3SL/RDD	31JT/3SLMT/UBB	31JT/3SLMT/UBD	35JT/3SLMT/UBB
35JT/3SLMT/UBD	40JT/3SLMT/UBB	40JT/3SLMT/UBD	31JTv/3SL/UBB	31JTv/3SL/UBD
35JTv/3SL/UBB	35JTv/3SL/UBD	40JTv/3SL/UBB	40JTv/3SL/UBD	31JT/3LP/UBB
31JT/3LP/UBD	31JT/3LP/RBB	31JT/3LP/RDD	35JT/3LP/UBB	35JT/3LP/UBD
35JT/3LP/RBB	35JT/3LP/RDD	40JT/3LP/UBB	40JT/3LP/UBD	40JT/3LP/RBB
40JT/3LP/RDD				
31JT/3LPMT/UBB	31JT/3LPMT/UBD	35JT/3LPMT/UBB	35JT/3LPMT/UBD	40JT/3LPMT/UBB
40JT/3LPMT/UBD	31JTv/3LP/UBB	31JTv/3LP/UBD	35JTv/3LP/UBB	35JTv/3LP/UBD
40JTv/3LP/UBB	40JTv/3LP/UBD	31JT/3SP/UBB	31JT/3SP/UBD	31JT/3SP/RBB
31JT/3SP/RDD	35JT/3SP/UBB	35JT/3SP/UBD	35JT/3SP/RBB	35JT/3SP/RDD
40JT/3SP/UBB	40JT/3SP/UBD	40JT/3SP/RBB	40JT/3SP/RDD	31JT/3CP/UBB
31JT/3CP/UBD	31JT/3CP/RBB	31JT/3CP/RDD	40JT/3EV/UBB	40JT/3EV/RBB

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# Kitemark™ Certificate

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## Annex F

Jet Thrust Fans				
F400 Car Park Models - 400°C/2Hrs				
31JT/4SL/UBB	31JT/4SL/UBD	31JT/4SL/RBB	31JT/4SL/RDD	35JT/4SL/UBB
35JT/4SL/UBD	35JT/4SL/RBB	35JT/4SL/RDD	40JT/4SL/UBB	40JT/4SL/UBD
40JT/4SL/RBB	40JT/4SL/RDD	31JT/4SLMT/UBB	31JT/4SLMT/UBD	35JT/4SLMT/UBB
35JT/4SLMT/UBD	40JT/4SLMT/UBB	40JT/4SLMT/UBD	31JTv/4SL/UBB	31JTv/4SL/UBD
35JTv/4SL/UBB	35JTv/4SL/UBD	40JTv/4SL/UBB	40JTv/4SL/UBD	31JT/4LP/UBB
31JT/4LP/UBD	31JT/4LP/RBB	31JT/4LP/RDD	35JT/4LP/UBB	35JT/4LP/UBD
35JT/4LP/RBB	35JT/4LP/RDD	40JT/4LP/UBB	40JT/4LP/UBD	40JT/4LP/RBB
40JT/4LP/RDD				
31JT/4LPMT/UBB	31JT/4LPMT/UBD	35JT/4LPMT/UBB	35JT/4LPMT/UBD	40JT/4LPMT/UBB
40JT/4LPMT/UBD	31JTv/4LP/UBB	31JTv/4LP/UBD	35JTv/4LP/UBB	35JTv/4LP/UBD
40JTv/4LP/UBB	40JTv/4LP/UBD	31JT/4SP/UBB	31JT/4SP/UBD	31JT/4SP/RBB
31JT/4SP/RDD	35JT/4SP/UBB	35JT/4SP/UBD	35JT/4SP/RBB	35JT/4SP/RDD
40JT/4SP/UBB	40JT/4SP/UBD	40JT/4SP/RBB	40JT/4SP/RDD	31JT/4CP/UBB
31JT/4CP/UBD	31JT/4CP/RBB	31JT/4CP/RDD	40JT/4EV/UBB	40JT/4EV/RBB

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# Kitemark™ Certificate

No. KM 670914

## Manufacturing Plant

Fläkt Woods Limited  
Axial Way  
Colchester  
Essex  
CO4 5ZD  
United Kingdom

## Certified Activities

EN 12101-3:2015 – Smoke and heat control systems.  
Specifications for powered smoke and heat exhaust  
ventilators.



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