

Certificate of Constancy of Performance

This is to certify that:

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

Holds Certificate Number:

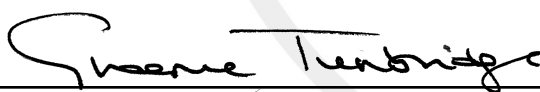
2797 CPR 474878

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 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product(s). This certificate was first issued on the date below and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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


Graeme Tunbridge, Senior Vice President Global Regulatory & Quality

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No. 2797 CPR 474878

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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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				

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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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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.				
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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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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				
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JM HT Aerofoil Class F200 Aluminium Blade / Steel Hub	Fan Diameter (mm)				
	1000	1250	1600	1800	1900
	2000	2120	2240	2370	2500
	2650	2800			
Fan Models	JM-IMI				
	JMTS(P)-IMI				
Resistance to Fire Class	F200, F300 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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 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(G)				
	JMv(G)				
	JMTS(G)				
Resistance to Fire Class	F200 & F300 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG, Brook Crompton				
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				
	JMTS-IMI				
Resistance to Fire Class	F200 & F300 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG, Brook Crompton				
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)				
	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				
Motor Manufacturer	WEG, Brook Crompton				
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 Steel Hub & Aluminium Blades	Fan Diameter (mm)				
	1400	1600	1800	2000	2120
	2240	2280	2370	2500	2650
	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				
Motor Manufacturer	WEG, Brook Crompton				
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 Steel Hub & Aluminium Blades	Fan Diameter (mm)				
	1000	1250	1600	1800	2000
	2240	2280	2370	2500	2650
	2800				
Fan Models	JM-IMI				
	JMTS(P)-IMI				
Resistance to Fire Class	F200, F300 (Tested to 300°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG, Brook Crompton				
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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No. 2797 CPR 474878

JM HT Aerofoil Class F400 Aluminium Blade / LM6 Hubs	Fan diameter (mm)				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250		
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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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				

JM HT Aerofoil Class F400 Aluminium Blade / LM6 Hubs	Fan Diameter (mm)				
	315	355	400	450	500
	560	630	710	800	900
	1000	1120	1250		
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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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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JM HT Aerofoil Class F400 LM13 Blade & Hubs	Fan Diameter (mm)				
	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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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				

JM HT Aerofoil Class F400 LM13 Blade & Hubs	Fan Diameter (mm)				
	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				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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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JM HT Aerofoil Class F400 Steel Blade & Hub	Fan Diameter (mm)				
	1000	1120	1250	1400	1600
	1800	2000	2240	2500	2800
Fan Models	JMTS(G)				
	JM(G)				
	JMF(G)				
	JMFTS(P, G)				
	JMF-IMI				
	JMFTS(P)				
Resistance to Fire Class	F200, F300 & F400 (Tested to 400°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG, ABB, Brook Crompton				
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 (Tested to 600°C, 120 mins)				
Motor Rating	Class F / Class H				
Motor Manufacturer	WEG				
Ancillaries	Mounting feet, Matching Flanges, Flexible Connectors, Air operated Dampers, Anti-Vibration Mounts				
BSRIA Reports	60623/1 refers.				

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No. 2797 CPR 474878

Car Park Range

Induction Thrust Fans

Induction Thrust Fan (ITF)	Models		
	ITF 100 54-8	ITF 100 64-8	ITF 75 54-8
	ITF 75 64-8	ITF 50 54-8	ITF 50 64-8
Response Delay	N/A		
Resistance to Fire class	F200 & F300 (tested to 300°C, 120mins)		
Motor Rating	Class F / Class H		
Motor Manufacturer	WEG		
Ancillaries	Craig & Derricott Fire Rated Isolator		
BSRIA Report 105815-1, 106848-1 Edition 2			

Induction Thrust Fan (ITF)	Models		
	ITF 100 54-8	ITF 100 64-8	ITF 75 54-8
	ITF 75 64-8	ITF 50 54-8	ITF 50 64-8
Response Delay	N/A		
Resistance to Fire class	F400 (tested to 400°C, 120mins)		
Motor Rating	Class F / Class H		
Motor Manufacturer	WEG		
Ancillaries	Craig & Derricott Isolator		
BSRIA Report 105815-2, 106848-2 Edition 2			

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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				
Motor Manufacturer	WEG, Brook Crompton				

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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				
Motor Manufacturer	WEG, Brook Crompton				

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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				
Motor Manufacturer	WEG, Brook Crompton				

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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

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

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Annex A (continued)

200°C / 2hrs				
Unidirectional Impellers				
LM6 Aluminium Blade				
LM13 Aluminium Hub				
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			
200°C / 2hrs				
Reversible Impellers				
LM6 Aluminium Blade				
LM13 Aluminium Hub				
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
200°C / 2hrs				
Unidirectional				
Aluminium Blade & Steel Hub				
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			
200°C / 2hrs				
Reversible				
Aluminium Blade & Steel Hub				
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	

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Annex B

300°C / 2hrs				
Unidirectional - LM6 Hub LM6 Blade. (LM13 material also permitted)				
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			
300°C / 2hrs				
Unidirectional - LM6 Hub LM6 Blade. (LM13 material also permitted)				
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	

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Annex B (continued)

300°C / 2hrs				
Reversible - LM6 Hub LM6 Blade. (LM13 material also permitted)				
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			
300°C / 2hrs				
LM6 Aluminium Blade LM13 Aluminium Hub				
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				
300°C / 2hrs				
Reversible Impellers				
LM6 Aluminium Blade LM13 Aluminium Hub				
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
300°C/2hrs				
Unidirectional				
Aluminium Blade & Steel Hub				
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		

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Annex B (continued)

300°C/2hrs				
Reversible				
Aluminium Blade & Steel Hub	300°C/2hrs			
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

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Annex C

400°C / 2hrs				
Fan/Impeller Range – LM6 Hub, LM6 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
400°C / 2hrs				
Unidirectional – LM6 Hub LM6 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	
100JMv-IMI/50	112JMv-IMI/40	112JMv-IMI/50	125JMv-IMI/50	

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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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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)

400°C / 2hrs				
Reversible - LM13 Hub LM13 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	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	180JMTS/63	180JMTS/80	200JMTS/63
160JMTS-IMI/63	160JMTS-IMI/80	180JMTS-IMI/63	180JMTS-IMI/80	200JMTS-IMI/63
200JMTS/80	224JMTS/63	250JMTS/63		
200JMTS-IMI/80	224JMTS-IMI/63	250JMTS-IMI/63		
400°C / 2hrs				
Fan/Impeller Range - Steel Hub, Steel Blades				
112JMTS(G)50	125JMTS(G)50	160JMTS(G)71	180JMTS(G)80	200JMTS(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		
400°C / 2hrs				
Unidirectional Steel Blade & Steel Hub				
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				
400°C / 2hrs				
Reversible				
Steel Blade & Steel Hub	400°C/2hrs			
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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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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Manufacturing Plant	Certified Activities
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Fläkt Woods Limited
T/A Woods Air Movement
Axial Way
Colchester
CO4 5ZD
United Kingdom

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

FlaktGroup India Pvt. Ltd
Plot 87
Ecotech-I, Extension -1
Gr. Noida
Uttar Pradesh
201310
India

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

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