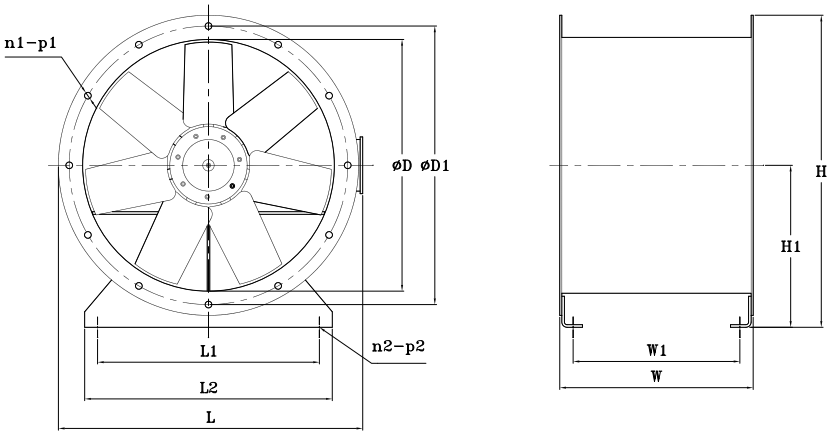
YS 系列軸流風機

- 備有 315, 355, 400, 450, 500, 560, 630, 710, 800, 900, 1000, 1250, 1500mm 十三款尺寸。
- 所有榮通葉片均為鋁材壓鑄成品，葉片角度可調校，扇葉會進行平衡過程，確保扇葉不會再運作期間產生震動。
- 建議使用溫度：室溫40℃。
- 建議使用濕度範圍：少於95%。

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2

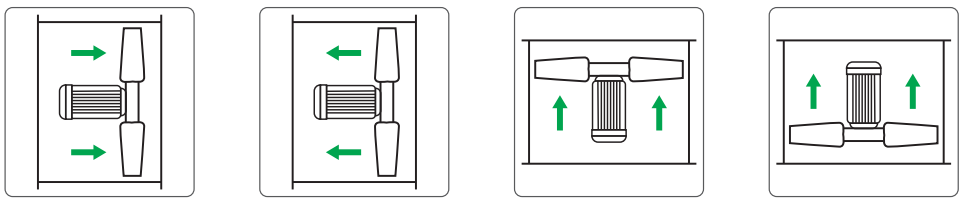
安裝尺寸（mm）



型號 Model	ϕD	ϕD1	L	L1	L2	W1	H	H1	n1-p1	n2-p2	W	
											機座號	W
YS315	312	355	408	260	305	237	408	210	6-ϕ10	4-ϕ10	Y63～Y80	290
YS355	359	405	453	305	355	271	444	225	8-ϕ12	4-ϕ13	Y63～Y80	335
YS400	401	448	499	350	400	306	492	250	8-ϕ12	4-ϕ13	Y63～Y90	370
YS450	450	497	549	400	450	306/366	547	280	8-ϕ12	4-ϕ13	Y63～Y90/Y100～Y112	370/430
YS500	504	551	599	440	500	384/434	607	315	8-ϕ12	4-ϕ13	Y63～Y112/Y132	450/500
YS560	565	629	679	500	560	376/426/576	677	345	12-ϕ14	4-ϕ13	Y63～Y112/Y132/Y160	450/500/650
YS630	634	698	749	570	630	365/415/565/615	767	400	12-ϕ14	4-ϕ13	Y63～Y100/Y132/Y160M/Y160L	450/500/650/700
YS710	711	775	829	650	710	364/414	857	450	12-ϕ14	4-ϕ16	Y80～Y112/Y132	450/500
YS800	797	861	919	730	800	364/414	954	502	14-ϕ14	4-ϕ16	Y80～Y112/Y132	450/500
YS900	894	958	1019	800	900	342/392/592	1082	580	14-ϕ14	4-ϕ20	Y80～Y112/Y132/Y160	450/500/700
YS1000	1003	1067	1120	800	1000	352/432/602/702	1183	630	14-ϕ14	6-ϕ20	Y80～Y112/Y132/Y160/Y180	450/500/700/800
YS1250	1250	1314	1380	1050	1250	580/730/930	1432	750	16-ϕ14	6-ϕ20	Y32～Y160/Y180～/Y225/Y250～Y280	700/850/1050
YS1500	1510	1580	1655	1300	1500	580/730/930	1715	895	16-ϕ14	6-ϕ20	Y160/Y180～/Y225/Y250～Y280	700/850/1050

* YS315～YS630 軸流風機標配有底座，YS710～YS1500 軸流風機標配無底座。

Configuration Air Direction



Form A　Form B　Form AU　Form BU

Appendix to the License Agreement To Use The AMCA Certified Ratings Program Seal

Appendix No. : 3

In accordance with the License Agreement issued on November 14, 2013 by Air Movement and Control Association International, Inc., Wing Ton Fan Industry Ltd. is hereby authorized to use the AMCA Certified Ratings Seal on the specific air movement and control devices listed below. Such use shall in all respects be governed by and subject to the provisions of said License Agreement.

Axial Fans

Product Line	***Catalog ID***
"YS" Series Direct Drive Axial Flow Fan	CATA-AMCA-YS, JANUARY 2021

Size	***Model No***	***Size***	***Model No***	***Size***	***Model No***
1250	**YS1250-420-12***	**1000**	**YS1000-300-10***	**1500**	**YS1500-420-12***
355	YS355-150-7	**400**	**YS400-150-7***	315	YS315-125-6
560	**YS560-200-9***	**450**	**YS450-150-7***	**500**	**YS500-150-7***
630	**YS630-200-9***	**800**	**YS800-250-9***	**900**	**YS900-300-10***
710	**YS710-250-9***				

* License to Bear The AMCA Seal For FEG Sound & Air Performance.
Only models shown in bold and indicated with * are licensed for FEG.

Please verify current certification status in the AMCA International Directory of Licensed Products located at www.amca.org.
Granted on February 19, 2014

Unit of Measure: mm

Nazme Mohsina

Nazme Mohsina

Revised :

Technical Director

AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.

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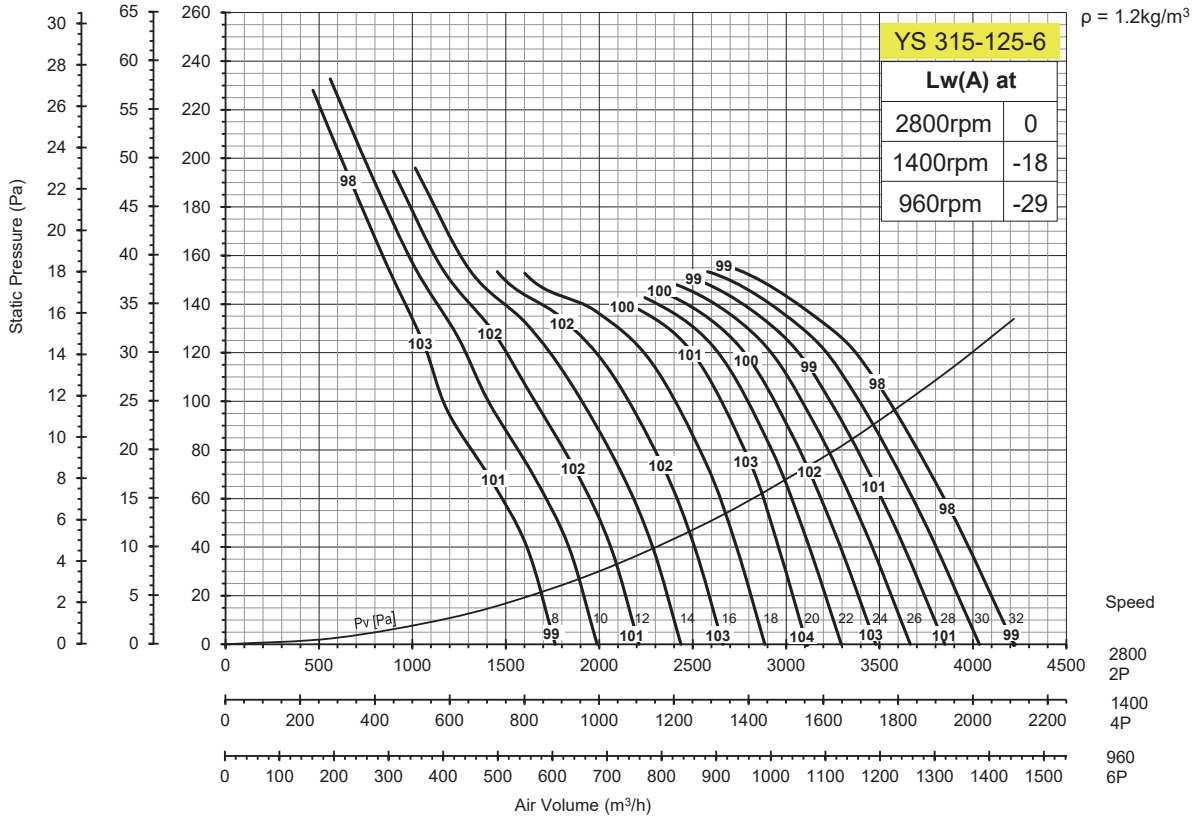
AXIAL FLOW FAN

YS315

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB（A）
YS315-H-6/0.37-6	315	380/3/50	960	32	0.37	1500 @10	50
YS315-H-6/0.55-4			1400	32	0.55	1900 @27	54
YS315-H-6/0.75-2			2800	20	0.75	3800 @90	90
YS315-H-6/0.55-4-1		240/1/50	1400	32	0.55	1900 @27	54
YS315-H-6/0.37-2-1			2800	20	0.37	2800 @60	94
YS315-H-6/0.55-2-1				30	0.55	3500 @80	90
YS315-H-6/0.75-2-1				20	0.75	3800 @90	90

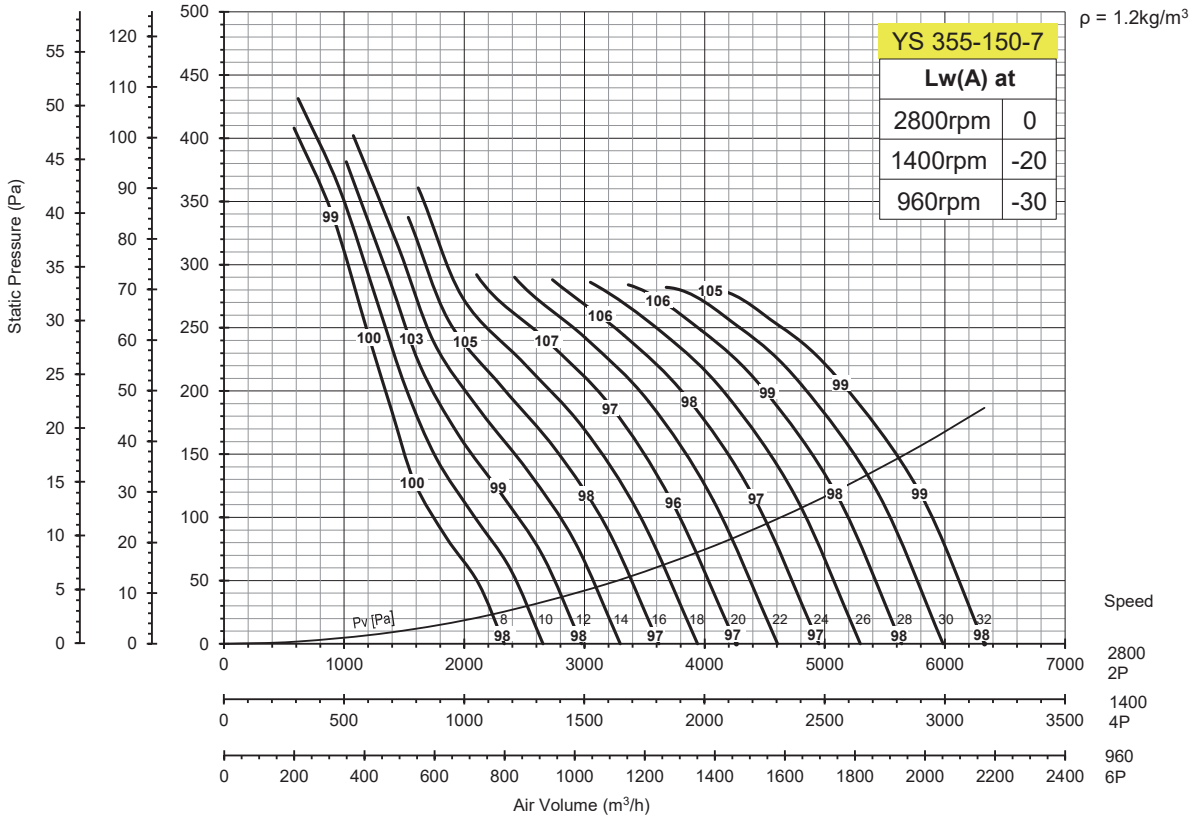
* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS355

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS355-H-7/0.37-6	355	380/3/50	960	32	0.37	1900 @ 19	54
YS355-H-7/0.55-4			1400	32	0.55	2600 @ 40	64
YS355-H-7/0.75-2			2800	22	0.75	3400 @ 220	85
YS355-H-7/1.1-2				30	1.1	5000 @ 220	84
YS355-H-7/1.5-2				32	1.5	5600 @ 160	84
YS355-H-7/0.55-4-1		240/1/50	1400	32	0.55	2600 @ 40	64
YS355-H-7/0.75-2-1			2800	22	0.75	3400 @ 220	85
YS355-H-7/1.1-2-1				30	1.1	5000 @ 220	84
YS355-H-7/1.5-2-1				32	1.5	5600 @ 160	84

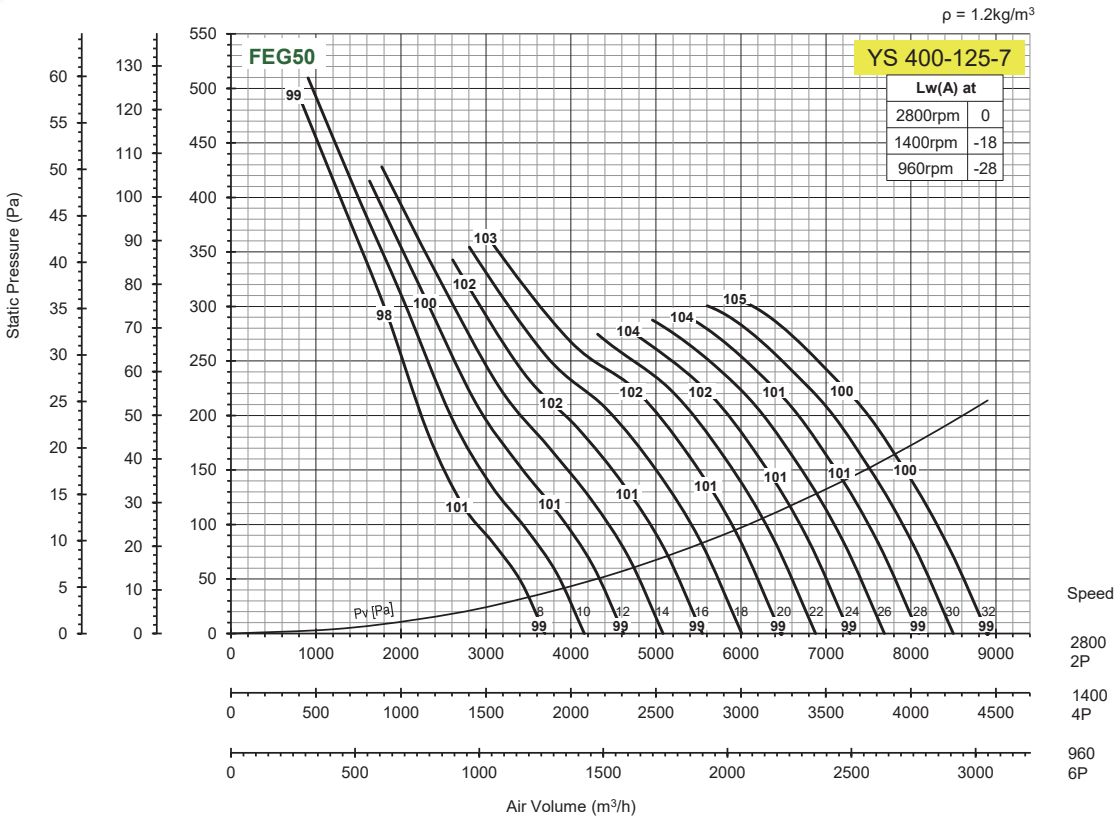
* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS400

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2

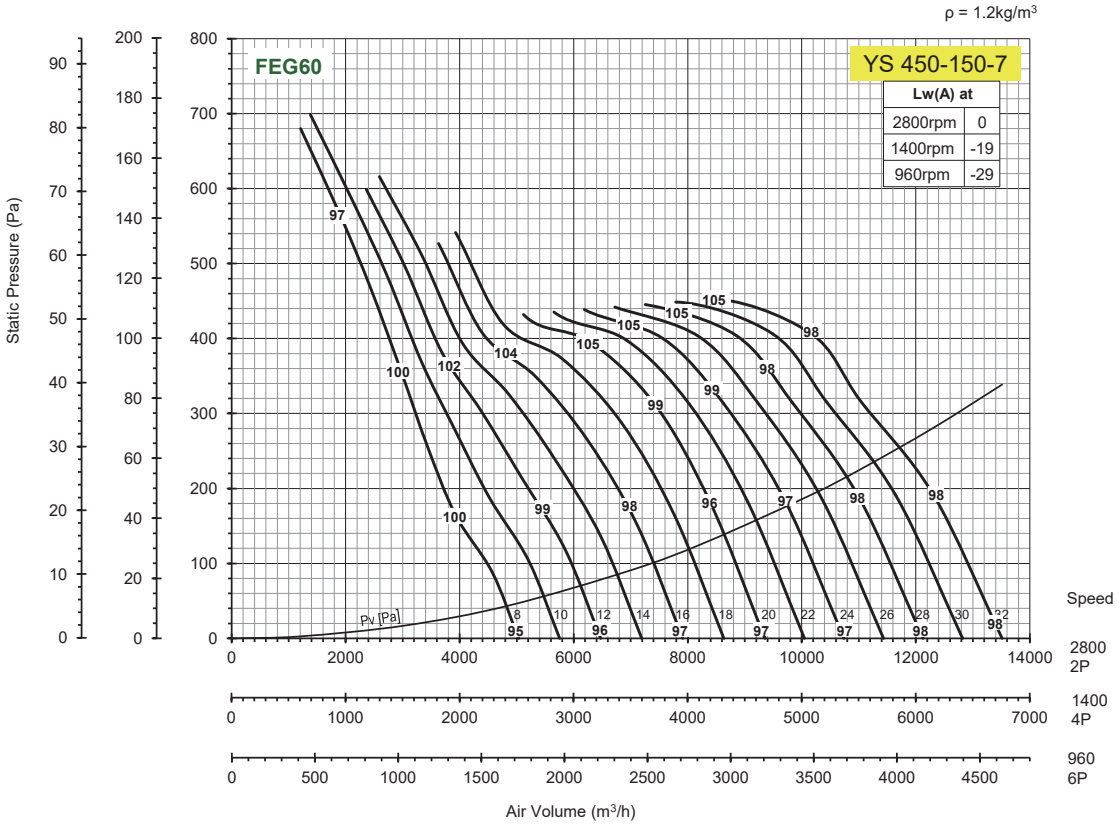


型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS400-H-7/0.37-6	400	380/3/50	960	32	0.37	2600 @ 18	56
YS400-H-7/0.55-4			1400	32	0.55	4000 @ 38	66
YS400-H-7/0.75-2			2800	12	0.75	2600 @ 260	80
YS400-H-7/1.1-2				24	1.1	6400 @ 165	83
YS400-H-7/1.5-2				30	1.5	7600 @ 150	84
YS400-H-7/2.2-2				32	2.2	8000 @ 150	84
YS400-H-7/0.55-4-1		240/1/50	1400	32	0.55	4000 @ 38	66
YS400-H-7/0.75-2-1			2800	12	0.75	2600 @ 260	80
YS400-H-7/1.1-2-1				24	1.1	6400 @ 165	83
YS400-H-7/1.5-2-1				30	1.5	7600 @ 150	84
YS400-H-7/2.2-2-1				32	2.2	8000 @ 150	84

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA s ound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

YS450

- 筒身熱浸鋅處理
- 外購馬達 IP55
  F 級絕緣
  能效級數 IE2



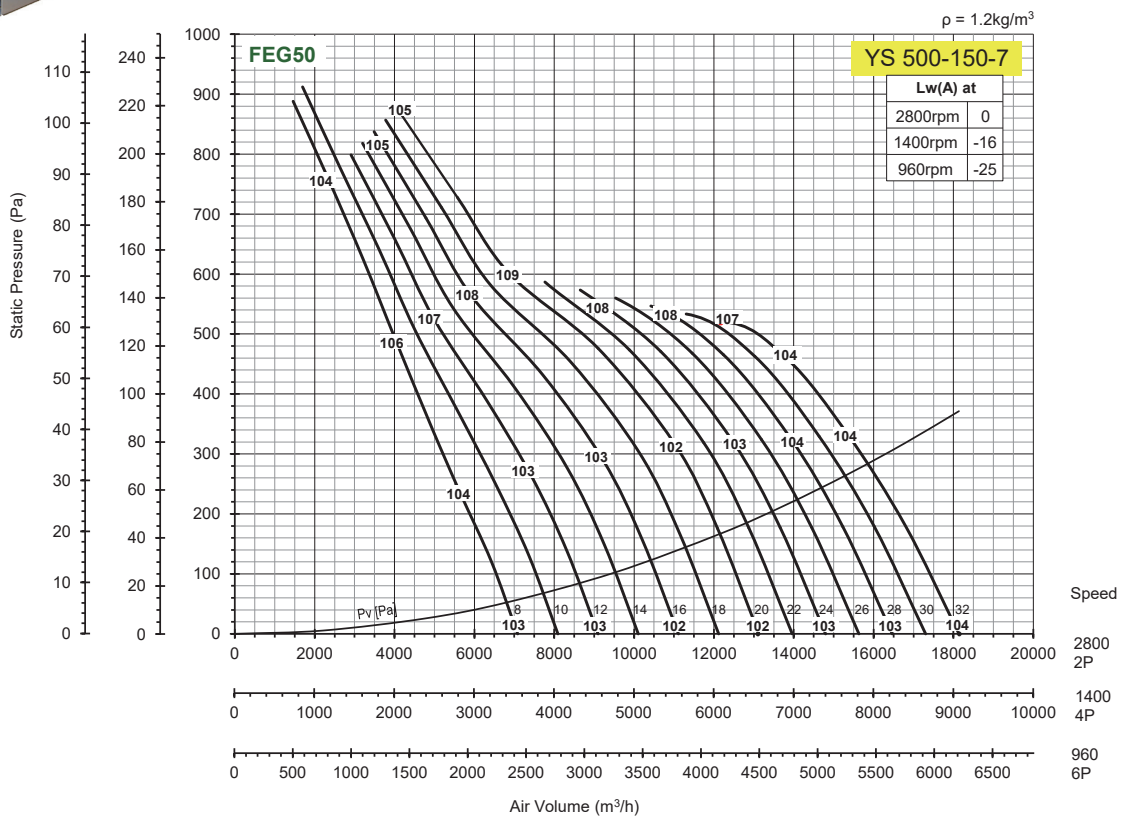
型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS450-H-7/0.37-6	450	380/3/50	960	32	0.37	3965 @ 24	55
YS450-H-7/0.55-4			1400	32	0.55	6100 @ 50	65
YS450-H-7/0.75-2			2800	12	0.75	4400 @ 300	81
YS450-H-7/1.1-2				24	1.1	9400 @ 240	84
YS450-H-7/1.5-2				30	1.5	11600 @ 200	84
YS450-H-7/2.2-2				32	2.2	12200 @ 50	84
YS450-H-7/0.55-4-1		240/1/50	1400	32	0.55	6100 @ 38	65
YS450-H-7/0.75-2-1			2800	12	0.75	4400 @ 300	81
YS450-H-7/1.1-2-1				24	1.1	9400 @ 240	84
YS450-H-7/1.5-2-1				30	1.5	11600 @ 200	84
YS450-H-7/2.2-2-1				32	2.2	12200 @ 200	84

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

YS500

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS500-H-7/0.37-6	500	380/3/50	960	32	0.37	4875 @ 42	61
YS500-H-7/0.55-4			1400	24	0.55	6500 @ 70	71
YS500-H-7/0.75-4				32	0.75	7500 @ 90	70
YS500-H-7/2.2-2			2800	10	2.2	5000 @ 450	85
YS500-H-7/3-2				16	3	8500 @ 360	87
YS500-H-7/4-2				22	4	12000 @ 300	87
YS500-H-7/5.5-2				30	5.5	14500 @ 300	87
YS500-H-7/7.55-2				32	7.5	15000 @ 360	86
YS500-H-7/0.55-4-1		240/1/50	1400	24	0.55	6500 @ 70	71
YS500-H-7/0.75-4-1				32	0.75	7500 @ 90	70
YS500-H-7/2.2-2-1			2800	10	2.2	5000 @ 450	85
YS500-H-7/3-2-1				16	3	8500 @ 360	87

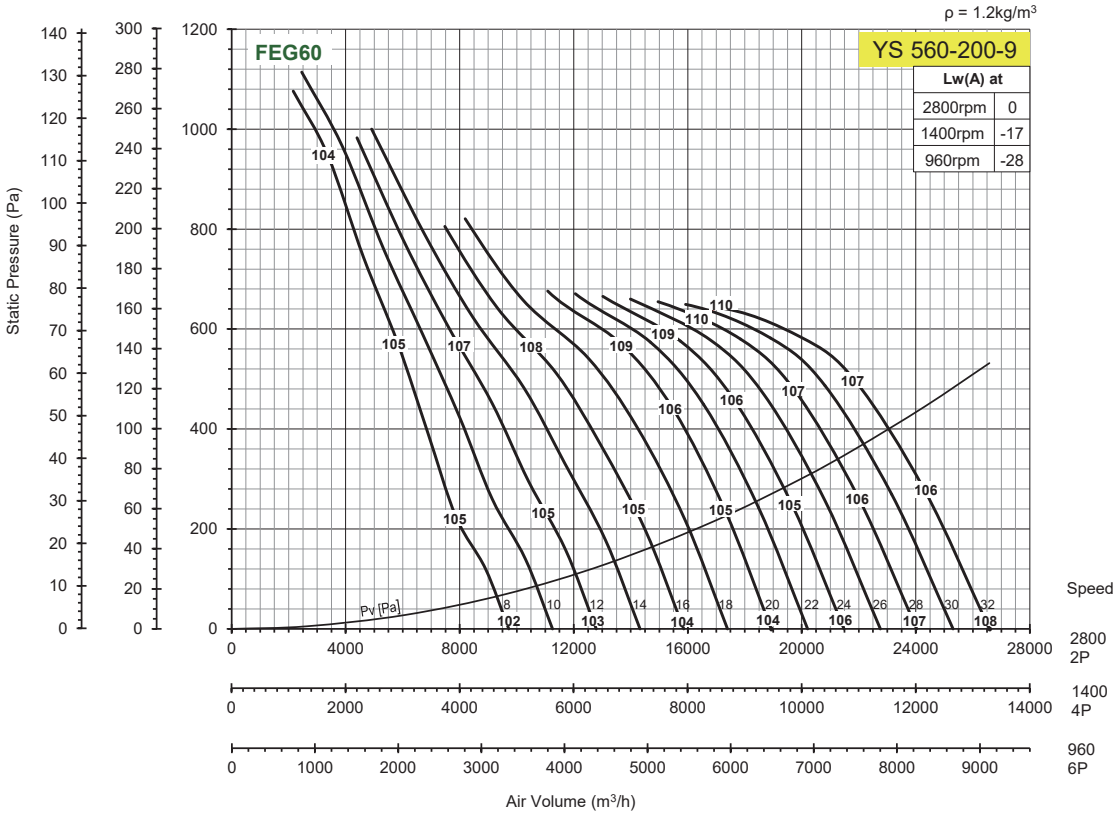
* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA s ound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS560

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2



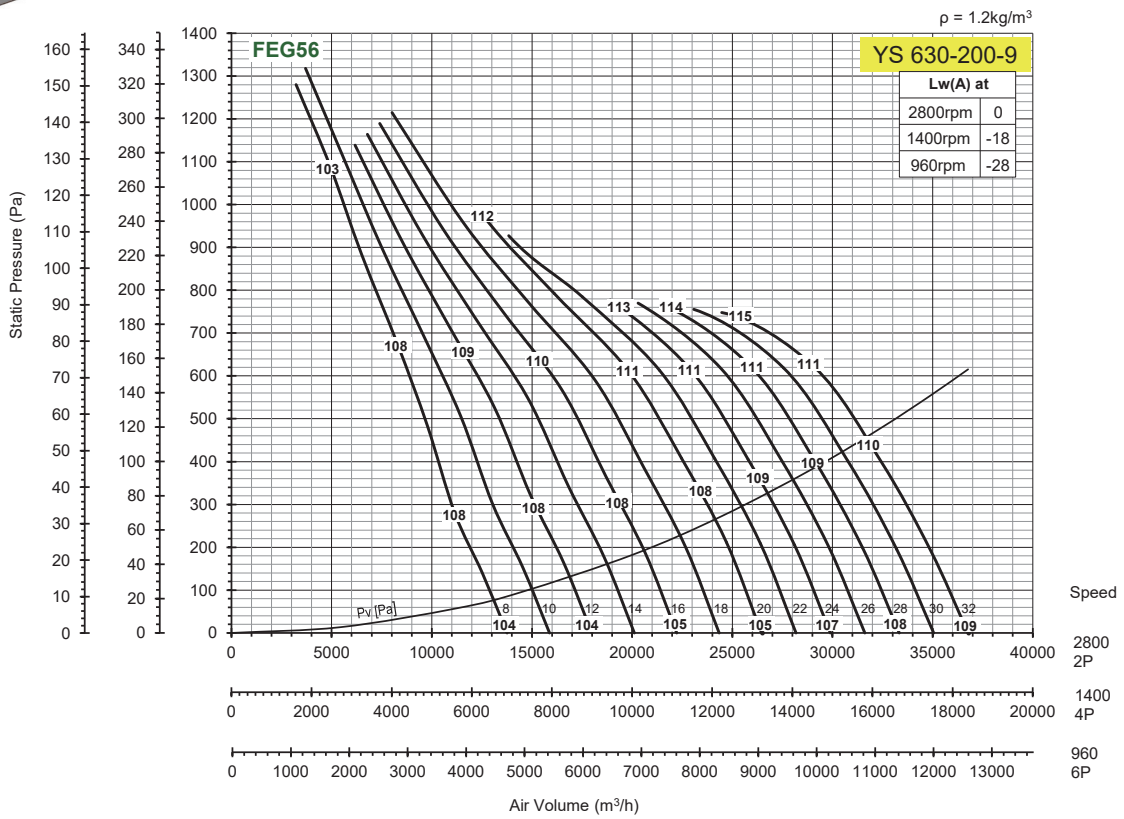
型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS560-H-9/0.37-6	560	380/3/50	960	30	0.37	7150 @43	61
YS560-H-9/0.55-6				32	0.55	7475 @43	61
YS560-H-9/0.55-4			1400	16	0.55	6000 @120	70
YS560-H-9/0.75-4				22	0.75	8500 @105	71
YS560-H-9/1.1-4				30	1.1	11000 @93	72
YS560-H-9/1.5-4				32	1.5	11500 @93	72
YS560-H-9/3-2			2800	8	3	5500 @600	84
YS560-H-9/4-2				12	4	8000 @560	86
YS560-H-9/5.5-2				20	5.5	15500 @440	88
YS560-H-9/7.5-2				26	7.5	20000 @360	89
YS560-H-9/11-2				32	11	23000 @380	89
YS560-H-9/0.55-4-1		240/1/50	1400	16	0.55	6000 @120	70
YS560-H-9/0.75-4-1				22	0.75	8500 @105	71
YS560-H-9/1.1-4-1				30	1.1	11000 @93	72
YS560-H-9/1.5-4-1				32	1.5	11500 @93	72
YS560-H-9/3-2-1			2800	8	3	5500 @600	84

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA s ound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS630

- 筒身熱浸鋅處理
- 外購馬達 IP55
  F 級絕緣
  能效級數 IE2



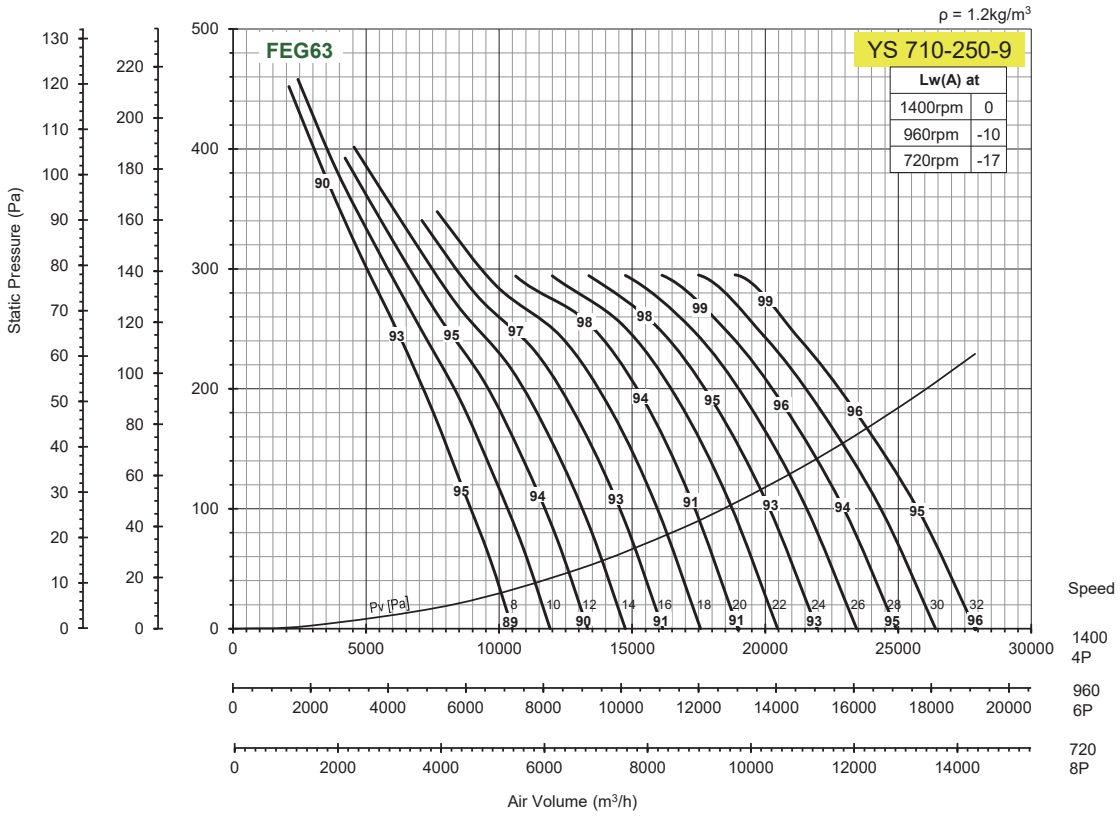
型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS630-H-9/0.37-6	630	380/3/50	960	20	0.37	6825 @ 75	64
YS630-H-9/0.55-6				28	0.55	9100 @ 58	66
YS630-H-9/0.55-4			1400	8	0.55	4000 @ 175	70
YS630-H-9/0.75-4				12	0.75	6000 @ 155	70
YS630-H-9/1.1-4				20	1.1	10500 @ 155	74
YS630-H-9/1.5-4				26	1.5	13500 @ 110	75
YS630-H-9/2.2-4				32	2.2	16000 @ 120	77
YS630-H-9/5.5-2			2800	10	5.5	10000 @ 660	87
YS630-H-9/7.5-2				16	7.5	16000 @ 610	89
YS630-H-9/11-2				24	11	26000 @ 400	92
YS630-H-9/15-2				30	15	30000 @ 480	93
YS630-H-9/18.5-2				32	18.5	32000 @ 480	94
YS630-H-9/0.55-4-1		240/1/50	1400	8	0.55	4000 @ 175	70
YS630-H-9/0.75-4-1				12	0.75	6000 @ 155	70
YS630-H-9/1.1-4-1				20	1.1	10500 @ 155	74
YS630-H-9/1.5-4-1				26	1.5	13500 @ 110	75
YS630-H-9/2.2-4-1				32	2.2	16000 @ 120	77

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS710

- 筒身熱浸鋅處理
- 外購馬達 IP55
  F 級絕緣
  能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS710-H-9/0.55-8	710	380/3/50	720	32	0.55	12495 @ 34	61
YS710-H-9/0.37-6			960	10	0.37	5780 @ 90	64
YS710-H-9/0.55-6				16	0.55	7820 @ 100	66
YS710-H-9/0.75-6				22	0.75	11900 @ 75	67
YS710-H-9/1.1-6				28	1.1	14960 @ 65	67
YS710-H-9/1.5-6				32	1.5	16660 @ 60	68
YS710-H-9/1.1-4			1400	8	1.1	6500 @ 240	74
YS710-H-9/1.5-4				14	1.5	10500 @ 220	74
YS710-H-9/2.2-4				20	2.2	15000 @ 210	77
YS710-H-9/3-4				26	3	20500 @ 140	77
YS710-H-9/4-4				30	4	23000 @ 140	77
YS710-H-9/5.5-4				32	5.5	24500 @ 130	78
YS710-H-9/1.1-4-1		240/1/50	1400	8	1.1	6500 @ 240	74
YS710-H-9/1.5-4-1				14	1.5	10500 @ 220	74
YS710-H-9/2.2-4-1				20	2.2	15000 @ 210	77
YS710-H-9/3-4-1				26	3	20500 @ 140	77

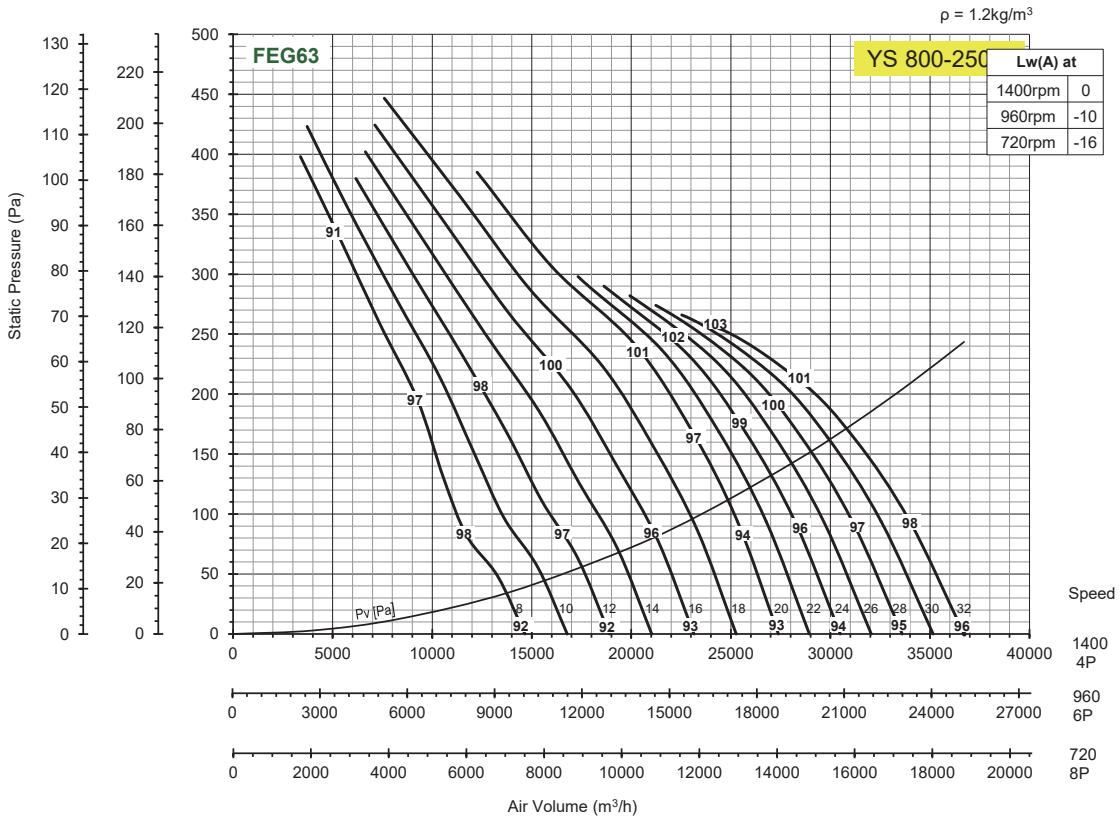
* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA s ound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS800

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2



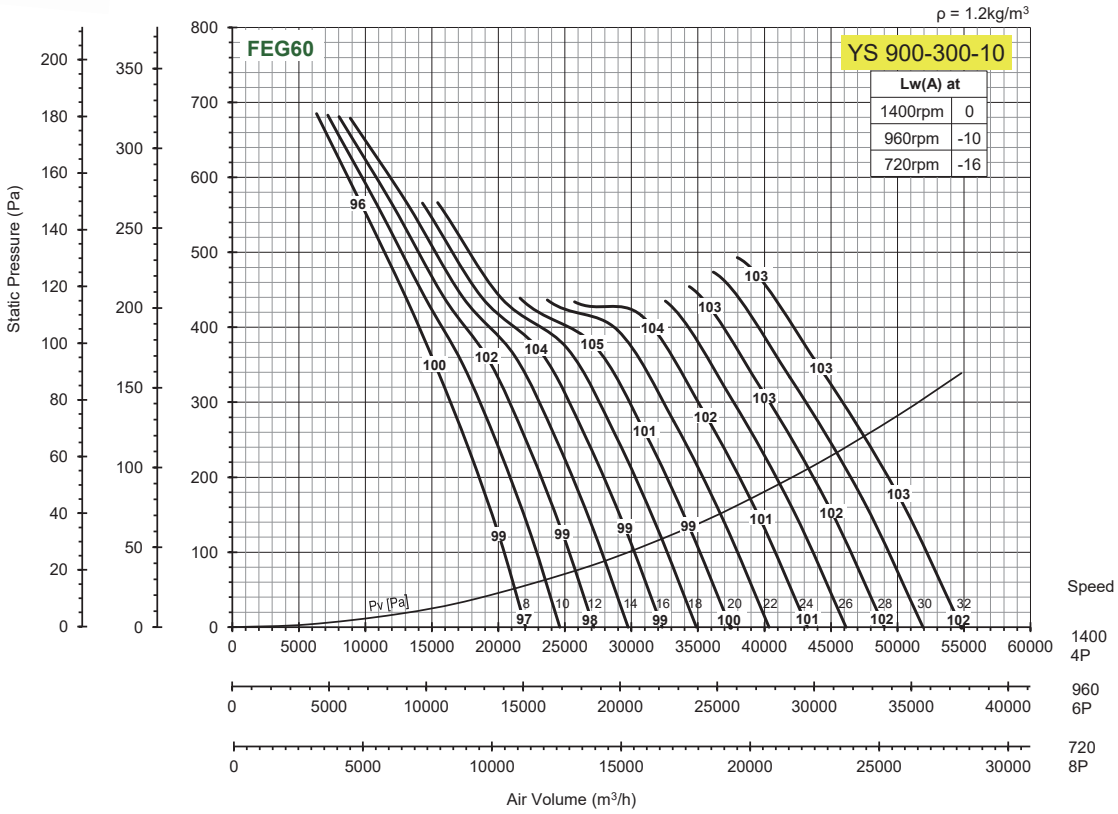
型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之 風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS800-H-9/0.55-8	800	380/3/50	720	26	0.55	13770 @ 35	63
YS800-H-9/0.75-8				32	0.75	17340 @ 26	65
YS800-H-9/0.75-6			960	14	0.75	8840 @ 100	67
YS800-H-9/1.1-6				22	1.1	15640 @ 70	70
YS800-H-9/1.5-6				28	1.5	19720 @ 50	71
YS800-H-9/1.5-4			1400	8	1.5	9000 @ 210	77
YS800-H-9/2.2-4				14	2.2	13000 @ 210	77
YS800-H-9/3-4				20	3	20000 @ 180	80
YS800-H-9/4-4				24	4	26000 @ 120	80
YS800-H-9/5.5-4				32	5.5	34000 @ 100	82
YS800-H-9/1.5-4-1		240/1/50	1400	8	1.5	9000 @ 210	77
YS800-H-9/2.2-4-1				14	2.2	13000 @ 210	77
YS800-H-9/3-4-1				20	3	20000 @ 180	80

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

YS900

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2

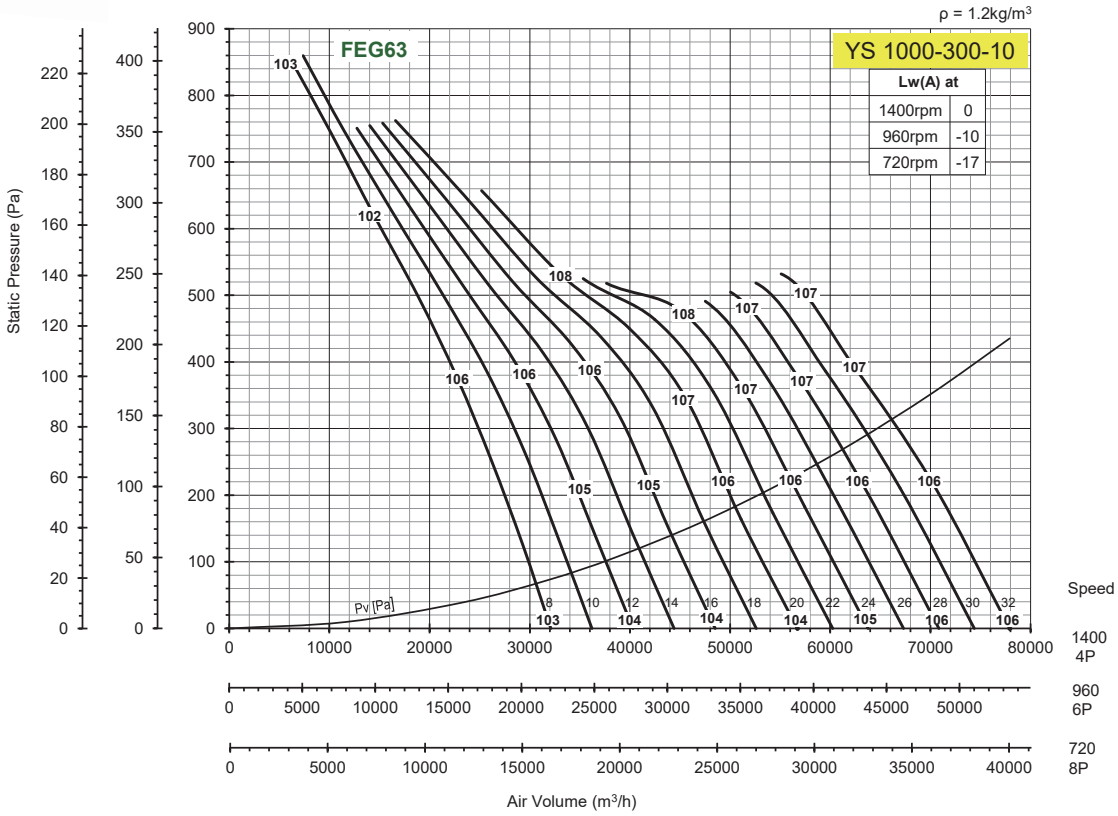


型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB（A）
YS900-H-10/0.55-8	900	380/3/50	720	10	0.55	9180 @ 90	64
YS900-H-10/0.75-8				16	0.75	12750 @ 80	66
YS900-H-10/1.1-8				22	1.1	16320 @ 85	67
YS900-H-10/1.5-8				28	1.5	20400 @ 80	66
YS900-H-10/2.2-8				32	2.2	23970 @ 70	66
YS900-H-10/1.1-6			960	8	1.1	10200 @ 170	69
YS900-H-10/1.5-6				12	1.5	14280 @ 140	71
YS900-H-10/2.2-6				20	2.2	19720 @ 145	73
YS900-H-10/3-6				24	3	23800 @ 140	72
YS900-H-10/4-6				30	4	29240 @ 145	72
YS900-H-10/5.5-6				32	5.5	31960 @ 130	72
YS900-H-10/4-4			1400	10	4	18000 @ 320	80
YS900-H-10/5.5-4				16	5.5	25000 @ 310	82
YS900-H-10/7.5-4				22	7.5	32000 @ 320	83
YS900-H-10/11-4				28	11	40000 @ 310	82
YS900-H-10/15-4				32	15	47000 @ 270	82

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA s ound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

YS1000

- 筒身熱浸鋅處理
- 外購馬達 IP55
  F 級絕緣
  能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS1000-H-10/0.75-8	1000	380/3/50	720	8	0.75	11220 @105	68
YS1000-H-10/1.1-8				12	1.1	15300 @90	68
YS1000-H-10/1.5-8				20	1.5	22950 @100	70
YS1000-H-10/2.2-8				26	2.2	29580 @75	69
YS1000-H-10/3-8				32	3	35700 @60	69
YS1000-H-10/2.2-6			960	10	2.2	17680 @180	75
YS1000-H-10/3-6				16	3	25840 @170	75
YS1000-H-10/4-6				22	4	32640 @175	77
YS1000-H-10/5.5-6				26	5.5	39440 @130	76
YS1000-H-10/7.5-6				32	7.5	47600 @110	76
YS1000-H-10/5.5-4			1400	8	5.5	22000 @400	85
YS1000-H-10/7.5-4				12	7.5	30000 @360	85
YS1000-H-10/11-4				20	11	45000 @380	87
YS1000-H-10/15-4				24	15	54000 @280	87
YS1000-H-10/18.5-4				28	18.5	62000 @260	86
YS1000-H-10/22-4				32	22	70000 @230	86

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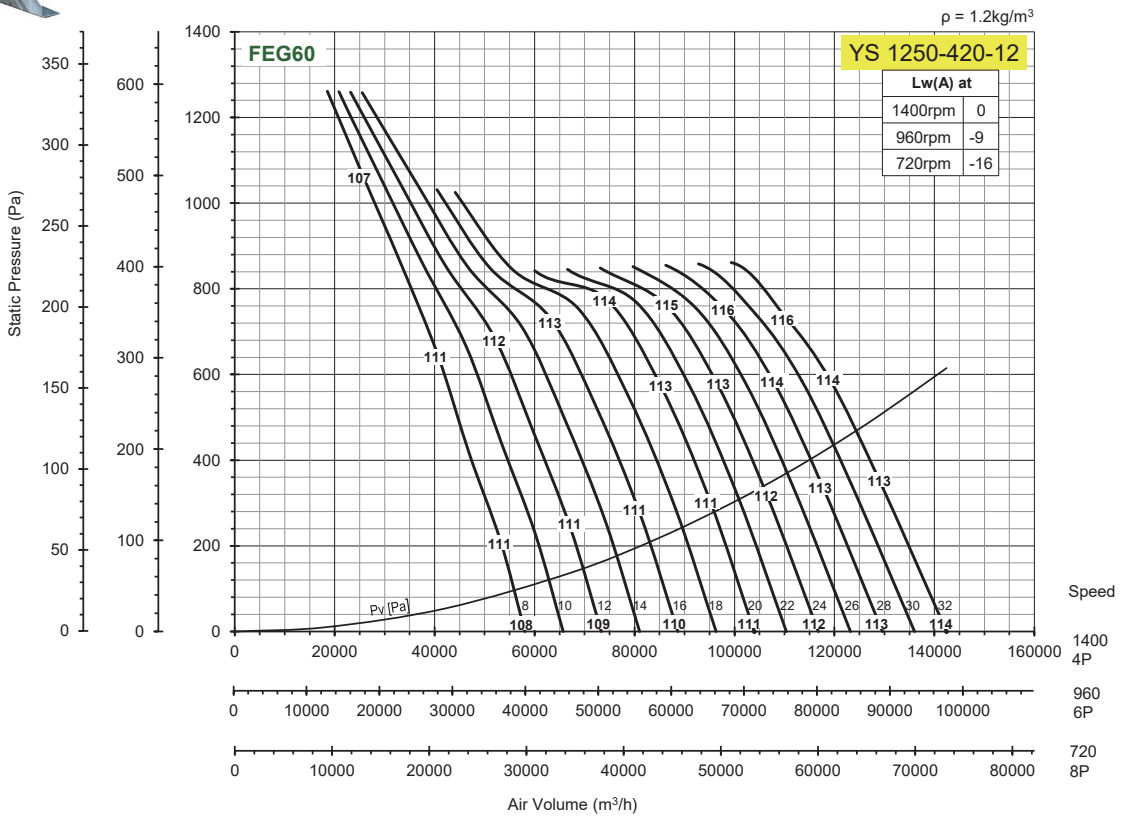
AXIAL FLOW FAN

YS1250

- 筒身熱浸鋅處理
- 外購馬達 IP55
  F 級絕緣
  能效級數 IE2



型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS1250-H-12/3-8	1250	380/3/50	720	10	3	22440 @ 190	74
YS1250-H-12/4-8				16	4	35700 @ 160	76
YS1250-H-12/5.5-8				22	5.5	44370 @ 170	77
YS1250-H-12/7.5-8				28	7.5	56100 @ 140	79
YS1250-H-12/7.5-6			960	10	7.5	29920 @ 340	81
YS1250-H-12/11-6				18	11	49640 @ 320	83
YS1250-H-12/15-6				24	15	68000 @ 240	85
YS1250-H-12/18.5-6				28	18.5	74800 @ 240	86
YS1250-H-12/22-6				32	22	81600 @ 260	86
YS1250-H-12/18.5-4			1400	8	18.5	37500 @ 720	90
YS1250-H-12/22-4				10	22	44000 @ 720	90
YS1250-H-12/30-4				16	30	70000 @ 620	92
YS1250-H-12/37-4				20	37	80000 @ 680	93
YS1250-H-12/45-4				24	45	100000 @ 520	94
YS1250-H-12/55-4				28	55	110000 @ 520	95
YS1250-H-12/75-4				32	75	120000 @ 560	95

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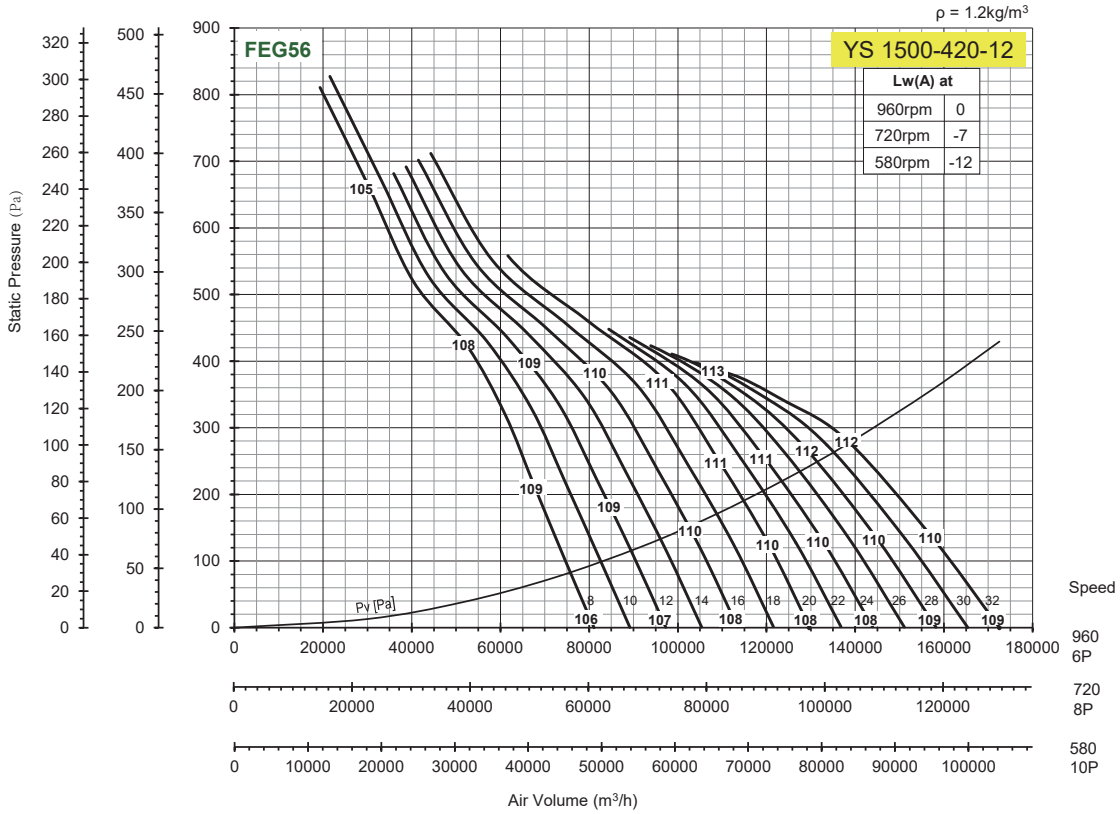
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXIAL FLOW FAN

YS1500

筒身熱浸鋅處理

外購馬達 IP55
F 級絕緣
能效級數 IE2

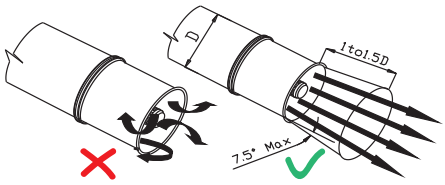


型號 (香港規格)	扇葉直徑 mm	額定電壓 V/Ph/Hz	最高轉速 RPM	扇葉角度 Angle	電機功率 KW	最高效率點之風量 @ 靜壓 m³/h @ Pa	最高噪音 dB (A)
YS1500-H-12/4-10	1500	380/3/50	580	12	4	45000 @ 115	76
YS1500-H-12/5.5-10				16	5.5	54000 @ 105	77
YS1500-H-12/7.5-10				24	7.5	78000 @ 60	78
YS1500-H-12/11-10				32	11	102000 @ 10	81
YS1500-H-12/7.5-8			720	10	7.5	48750 @ 200	81
YS1500-H-12/11-8				20	11	78750 @ 160	83
YS1500-H-12/15-8				24	15	97500 @ 90	83
YS1500-H-12/18.5-8				30	18.5	120000 @ 30	86
YS1500-H-12/22-8				32	22	127500 @ 15	86
YS1500-H-12/15-6			960	8	15	55000 @ 390	88
YS1500-H-12/18.5-6				12	18.5	75000 @ 320	88
YS1500-H-12/22-6				14	22	85000 @ 290	88
YS1500-H-12/30-6				22	30	115000 @ 240	90
YS1500-H-12/37-6				28	37	150000 @ 95	93
YS1500-H-12/45-6				30	45	160000 @ 50	93

* Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwiA sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

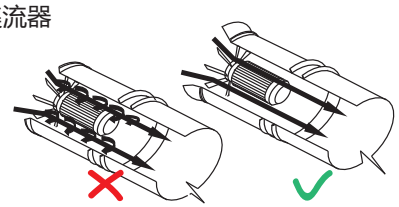
安裝使用說明

1. 安裝擴散筒



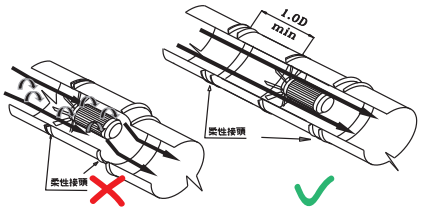
軸流風機的出風口,應裝一擴散筒(如左圖)其錐度≦15°，長度等于(1~1.5)倍管道直徑。這樣可以減少風機的壓力損失，提高風機的使用效率。

2. 安裝集流器



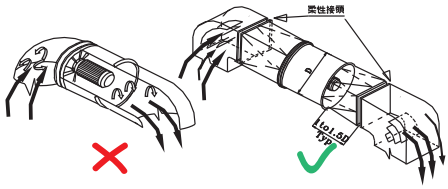
軸流風機的進風口，應裝一集流器（如左圖）這樣可以為軸流風機工作提供合理的氣流，提高風機的性能，降低噪聲。

3. 安裝柔性管道接頭



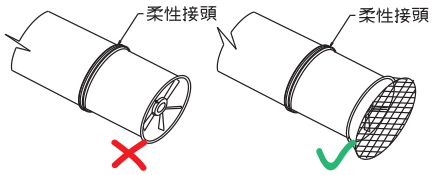
軸流風機兩端接管道，當管道與管道間采用柔性接頭時，要求進風口柔性接頭到風機距离至少為１倍管道直徑，而且柔性接頭要處于張緊狀態，這樣可以避免由于柔性接頭的變動使氣流面積減小而引起倒流、渦流，從而減少壓力損失而降低噪聲。

4. 安裝變截面的彎形管道



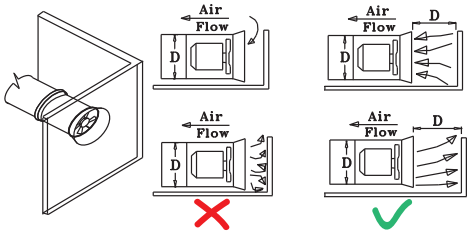
軸流風機兩端安裝變截面的彎形管道時，要求風機與變截面管道要有過度接頭其高度等于（１－１.５）倍風機葉直徑，這樣可以避免由于管道面積突然變化而引起倒流，從而減少壓力損失，提高風幾使用效率。

5. 安全網



軸流風機進風口直接露于大氣中，為了保證人的安全，以及防止雜物的吸入，應在進風口安裝如左圖的安全網。

6. 進出風口有障礙物



軸流風機進出風口有障礙物（如左圖），將會阻撓氣流流向風機,導致氣流撓動,從而使系統阻力增加，流量減少，噪聲增大,所以進出風口與障礙物之間至少保證１倍管道直徑的距離。

7. 電機接線: 按接線圖的方法接線。

■ 使用注意事項:

1、風機在第一次使用之前必須詳細檢查產品銘牌標誌的電壓和頻率是否符合當地的要求,嚴格按照電機額定電壓運行。
2、風機運行前,必須先檢查風機葉與機殼之間有無碰撞磨擦,電機是否接地,絕緣是否良好。
3、風機運行前,必須先檢查葉輪旋轉方向是否正确, 無誤方可運轉,在試運轉中有异常聲和振動現象,應立即停機,切斷電源進行排除,正常后才可使用。
4、風機如要求向上或向下送氣時,電動機應更換壓力軸承方可使用。
5、風機輸送介子的溫度不應超過80℃。
6、風機不應在水易噴洒和直接淋雨雪之處使用。
7、風機不能在化學氣体易腐蝕、易燃、易爆環境中使用。

■ 維修與保養:

1、只有風機設備完全正常的情況下方可運轉。
2、風機維修和保養時必須先切斷電源后進行。
3、風機應定期檢查清除風機內部積垢等雜質防止鏽蝕。
4、風機在維修后開動時,則需注意風機各部位是否正常。
5、除電機和電器外,可用沾有少許肥皂水的軟布進行擦其表面, 切不可用苯、汽油等有機溶劑清洗。

以下情況不列入保養范圍:

1、馬達缺相運行而導致產品損毀。
2、產品因長期擺放而導致外觀殘舊，功能受損。
3、使用環境含腐蝕性，氣體內含有雜質或硬物，溫度過高而導致產品損壞。
4、因整體抽風系統設計錯誤導致產品損壞。

dB(A) Information

Noise Levels - Calculation and use of the dB(A)

The human ear is more sensitive to some frequencies than others. In particular low frequency noises sound quieter than high frequency noises.

The ‘A’ frequency weighting or more commonly dB(A) is based on how loud various tones played at different frequencies sound compared to a tone of 40 dB, at 1000 Hz and it has become popular and is now used for many different noise sources at different levels.

In fact, most legislation regarding noise is written using dB(A)s, in addition nearly all manufacturers of fans and other noise generating machines quote their noise levels in dB(A)s at 1, 1.5, or 3 metres assuming spherical distribution. It is therefore important that we understand the ‘A’ frequency weighting and how dB(A)s are calculated.

Information on Fan Noise Test Standards

Where noted in the product data pages within this catalogue fan noise levels are tested to AMCA International Standard 301..

This test standard describes methods that may be applied to calculate the sound power level of fans. That is, the In-Duct method, the Reverberant Room method and the Free Field method. The sound pressure level of a product is measured using one of these test methods. A calculation is then used to convert the measured sound pressure levels to sound power levels.

A Cautious Word on the use of dB(A) Levels

The dB(A) sound pressure level is used almost universally to describe the noise level of many items of noise emitting machinery. However, published dB(A) sound pressure levels should be used for comparative purposes only, they are not designed to reflect actual installed noise levels. The assumptions that are used to calculate the dB(A) are rarely replicated in real life situations and, therefore, published dB(A) values will not necessarily represent the actual noise levels that may be experienced on site.

In order to determine the actual dB(A) sound pressure level that may be expected from an installation, an acoustic analysis of the system, using sound power levels and taking into account the surrounding acoustic environment, should be performed.

Calculating dB(A) Noise Levels

Published dB(A), or ‘A’ frequency weighted, sound pressure levels are theoretical values. These are, in fact, calculated from the sound power level data and are quoted at a specified distance i.e. 1, 1.5, or 3 metres.

Converting Sound Power to Sound Pressure

To convert this 'A' weighted sound "power" level to an 'A' weighted sound "pressure" level (which is calculated for a specified distance from the source) the following equation is used:

$$L_p = L_W - 20 \log_{10}(d) - 11$$

Where:

- Lw = Sound Power Level re 10-12W (dB)
- Lp = Sound Pressure Level re 20mPa (dB)
- d = Distance from fan in metres (m)

For Example, if an axial fan with Sound power level 98 dB, the dB(A) sound pressure level at a distance of 3m:

$$L_p = 98 - 20 \log_{10}(3) - 11$$
$$L_p = 98 - 10.5 - 11$$
$$L_p = 98 - 21$$
$$L_p = 77 \text{ dB(A) @ 3m}$$

Note that the above calculation assumes that the fan behaves as a point source of noise, that the noise radiates in all directions equally, and that no reflected sound is present.

Lp(A) = Lw(A)-20Log10(D)-11 D= distance in meter

Lw(A)	D = 1	D = 2	D = 3
60	49	43	39
61	50	44	40
62	51	45	41
63	52	46	42
64	53	47	43
65	54	48	44
66	55	49	45
67	56	50	46
68	57	51	47
69	58	52	48
70	59	53	49
71	60	54	50
72	61	55	51
73	62	56	52
74	63	57	53
75	64	58	54
76	65	59	55
77	66	60	56
78	67	61	57
79	68	62	58

Lw(A)	D = 1	D = 2	D = 3
80	69	63	59
81	70	64	60
82	71	65	61
83	72	66	62
84	73	67	63
85	74	68	64
86	75	69	65
87	76	70	66
88	77	71	67
89	78	72	68
90	79	73	69
91	80	74	70
92	81	75	71
93	82	76	72
94	83	77	73
95	84	78	74
96	85	79	75
97	86	80	76
98	87	81	77
99	88	82	78

Lw(A)	D = 1	D = 2	D = 3
100	89	83	79
101	90	84	80
102	91	85	81
103	92	86	82
104	93	87	83
105	94	88	84
106	95	89	85
107	96	90	86
108	97	91	87
109	98	92	88
110	99	93	89
111	100	94	90
112	101	95	91
113	102	96	92
114	103	97	93
115	104	98	94
116	105	99	95
117	106	100	96
118	107	101	97
119	108	102	98