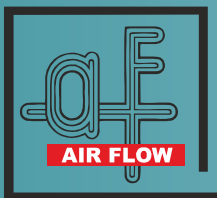


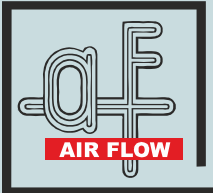
Axial Flow Fans



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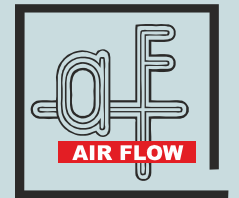
AFPV4GAX

AFPV4GAX Photographs



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Company Profile

We “Efforts combined with a sincere selfless commitment and continuous pursuance of excellence Translate into Success;”

At Air Flow, these 4 decades of existence have been an endless process of attaining ‘Success’ with enhancing capabilities, consolidating commitment and cementing faith in quality and innovation. Right from the inception in 1973, we have been leaders in manufacturing , Exporting and importing Air Terminal Products, Air Distribution Products, Smoke/Fire Damper, Jet Fans Axial Flow Fans, Vane Axial Flow, Plug Fans, Centrifugal Fans, Flexible Duct Connectors, Jet Nozzles and Louvers through this long duration of time. The way we’re empowering our product line and winning laurels from our clients world over by continuously improving upon our existing set on skills, technology, and range, we are poised to set more and more landmarks globally in the future.

Being in the good books of architects, consultants, contractors and builders is one of the key assets we cherish from the core of our heart. Yet again, it’s the idea of giving this best and always raising the bar of standards high that propel us towards accomplishing what many think impossible. Fire Rating for Axial Flow Fans & Jet Fans, truly stands the acknowledgment of the most powerful characteristic of the Company as ever.

Not only did we set new benchmarks in achieving the Exova for our Axial Flow Fans, we happen to be the sole manufacturers of the one of a kind UL Listed Axial Flow fans in the Aisa Certified by Underwriters Laboratories in accordance with UL-705. Now-a-days, the UL Fans has become important part of basement ventilation.

Air Flow has a team of hard core professionals who believe in ‘ just make it happen’ Our tremendous growth over the year speaks volumes about our professional integrity and never-say–die spirit. Surely, at Air Flow we understand the importance of staying self-motivated and determined to make a difference through what we do’



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Introduction



Air flow Pvt Ltd certifies that the Axial flow fans AFPV4GAX series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Covers a wide range of volumetric flow and pressure conditions. Fans are Aluminum alloy impellers with adjustable blade. The blade pitch is field adjustable to suiting site conditions.

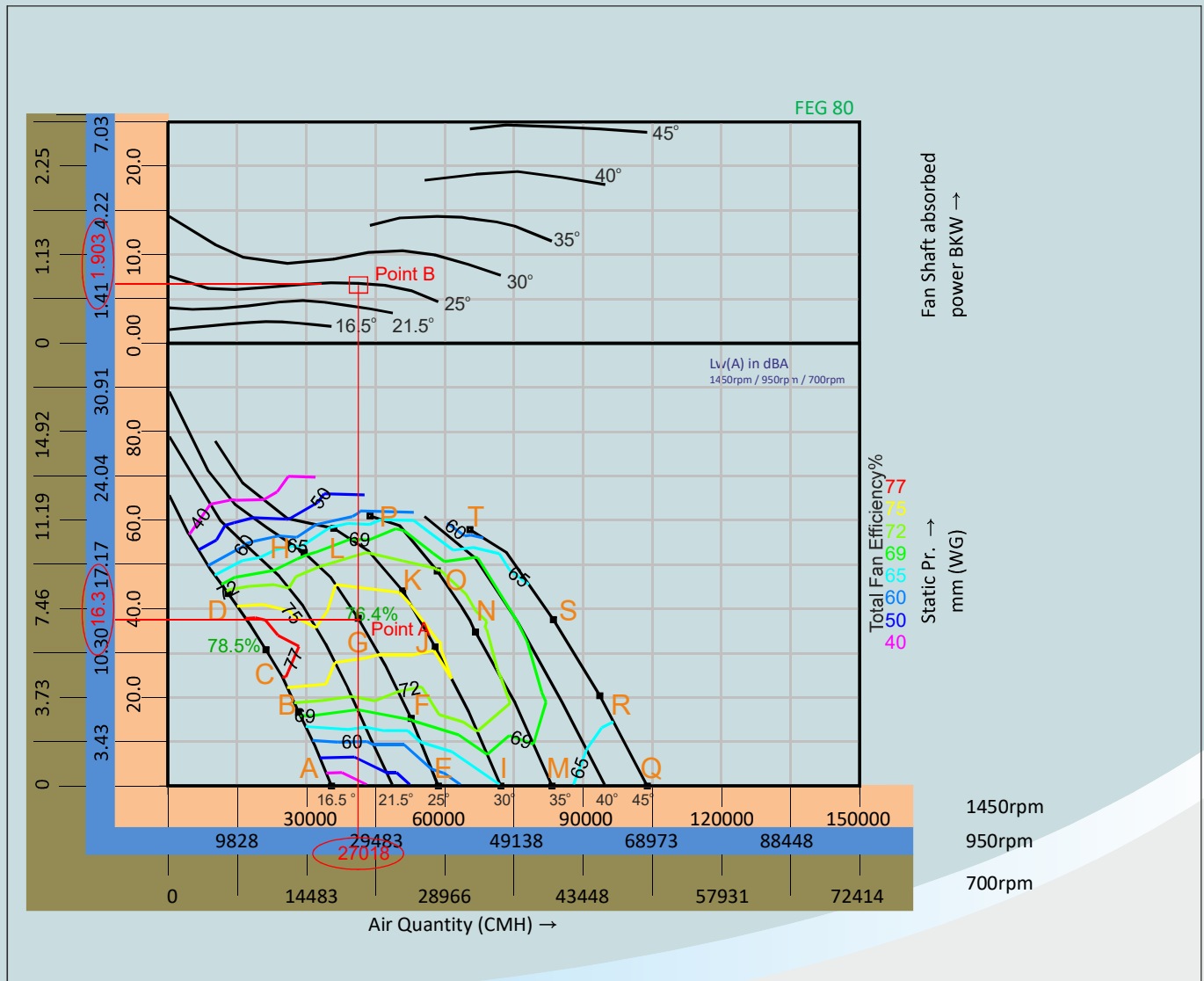
Features

- a) High efficiency
- b) Quality raw materials
- c) Versatile construction
- d) Long life finish

Typical application

- a) General ventilation
- b) Emergency heat and smoke exhaust stairwell & pressurization
- c) Parking & basement ventilation
- d) Industrial processes Ventilation
- e) Tunnel ventilation
- f) Generator room ventilation
- g) Wide range of volumes.
- h) Minimum operating cost per cubic meter of space.
- l) Minimum space and weight

Example Graph



Example: AFPV4GAX-1120 @ 950rpm

Desired point: 27018CMH, 16.3mmWG Static Pressure

How to determine Blade pitch setting:

1. Select rpm scale to determine desired duty point (950rpm scale)
2. Enter Bottom scale with CMH (27018) and go vertically upto the region of Fan BKW
3. Enter left with static pressure (16.3mm WG) and horizontally right
4. Where CMH and Static Pressure intersect is the operating point. Select Blade pitch angle (25.0deg) from this (Point A)

How to determine Fan shaft absorbed power

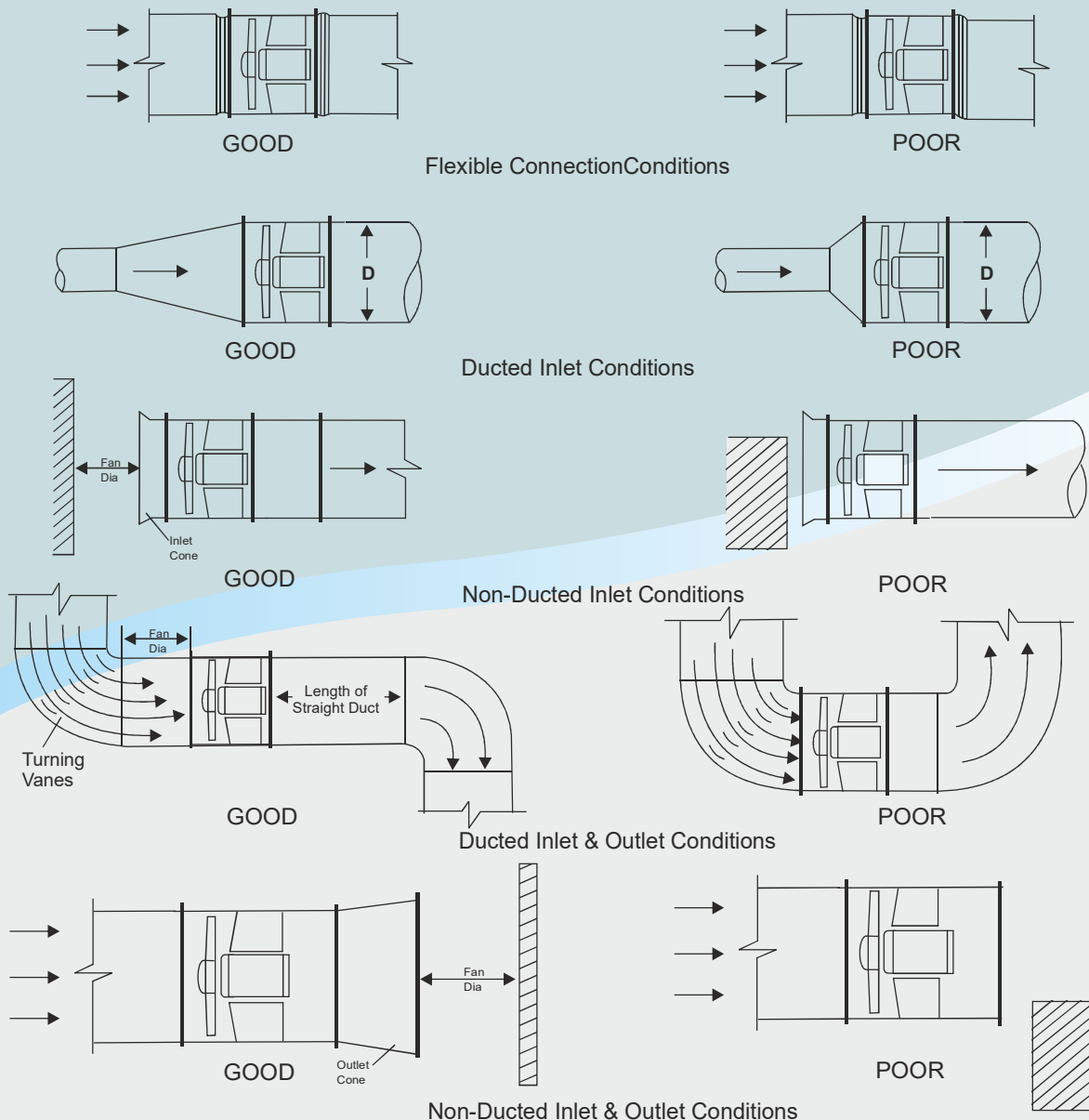
4. Starting at the operating point found in step4, follow the CMH until intersecting the Fan BKW line corresponding to blade pitch found in step4 (Point B)
5. From this point go horizontally left and read brake kilowatt (1.903KW) in 950rpm scale on the Fan BKW scale. Use this Brake Kilowatt to select Motor Kilowatt.
6. To determine Noise power level at duty point from nearby noise selection value at 950rpm of 95dBA.
7. Total Efficiency of Fan at this duty point is 76.4%

System Effects

Factors affecting Air Performance

System Effect: A pressure loss which recognizes the effect of fan inlet restrictions, fan outlet restrictions or other conditions influencing fan performance when installed in the system. Duct elbows, transitions or other disruptions to uniform airflow may contribute to system effect, by the proximity to walls, beams and other obstruction to air flow in case of unducted fans. For a quantitative discussion of system effects refer to AMCA Publication 201 - Fans and Systems.

The diagram below shows some more common causes of system effect.



Fan Laws

$$CMH_2 = CMH_1 \times \left(\frac{RPM_2}{RPM_1}\right)^1 \times \left(\frac{D_2}{D_1}\right)^3 \times \left(\frac{d_2}{d_1}\right)^0$$

$$SP_2 = SP_1 \times \left(\frac{RPM_2}{RPM_1}\right)^2 \times \left(\frac{D_2}{D_1}\right)^2 \times \left(\frac{d_2}{d_1}\right)^1$$

$$BKW_2 = BKW_1 \times \left(\frac{RPM_2}{RPM_1}\right)^3 \times \left(\frac{D_2}{D_1}\right)^5 \times \left(\frac{d_2}{d_1}\right)^1$$

CMH - Air quantity in Cubic Meter per Hour

SP - Static Pressure in mm WG

BKW - Fan Brake Kilowatt

RPM - Fan revolution per minute

D - Fan diameter

d - Density of air Standard air density = 1.2kg/m³

At higher than standard elevations and temperatures, air density will be lower than standard.

1 - Initial State

2 - Final State

To calculate:

Total Pressure = static pressure + velocity Pressure

Velocity Pressure (Pa) = ½ x d (density of air kg/m³ x (Fan Outlet velocity m/s)²)

Fan outlet Velocity (m/s) = CMH ÷ Duct area (sq. mtr) ÷ 3600

Tip speed (m/s) = π x fan diameter (mtr) x fan rpm ÷ 60

Total efficiency η % = $\frac{CMS \times \text{Total Pressure (mm WG)}}{102 \times BKW}$

Velocity

Feet/Min. (fpm)	Meter/Sec (mps)	Meters/Min. (mpm)	Meters/Hr. (mph)
1.0	0.00508	0.3048	18.288
60.0	0.3038	18.228	1093.7
80.0	0.4	26.822	1609.4
196.85	1.0	60.0	3600.0
3.2808	0.0167	1.0	60.0
0.05468	0.000267	0.01667	1.0

Volume Flow Rates:

Cubic Ft./Min (CFM)	Cubic Meter/Sec. (M3/S)	Cubic Meters/Hr. (M3/Hr.)
1.0	0.000472	1.699
0.01667	0.00000787	0.02832
2118.9	1.0	3600.0
35.315	0.01667	60.0
0.58858	0.00028	1.0
2.1189	0.001	3.6

MISCELLANEOUS CONVERSION FACTORS

LENGTH

1 in = 2.54 cm
1 ft = .348 m
1 yd = .9144 m
1 mi = 1.6093 km
1 nau. mi = 1.1516 mi

AREA

1 in² = 6.4516 cm²
1 Ft² = .0929 m²
1 yd² = .8381 m²
1 mi² = 2.5899 Km²

POWER

1 hp = .746 KW
1 hp = 550 ft-lb/sec
1 hp = 33000 ft-lb/min
1 hp = 76.04 kg-m/sec
1 hpm = 75.00 kg-m/sec

HEAT

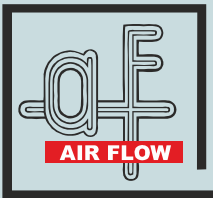
1 Btu = 777.97 Ft-lb
1 hp = 2545 Btu/hr
1 hp = 1.014 metric hp
1 hp = .0761 boiler hp
1 kw = 3414 Btu/hr
1 Ton = 12000 Btu/hr

DENSITY

1 lb/ft³ = 16.018 kg/m²

TIP SPEED

1 fpm = .0051 m/s

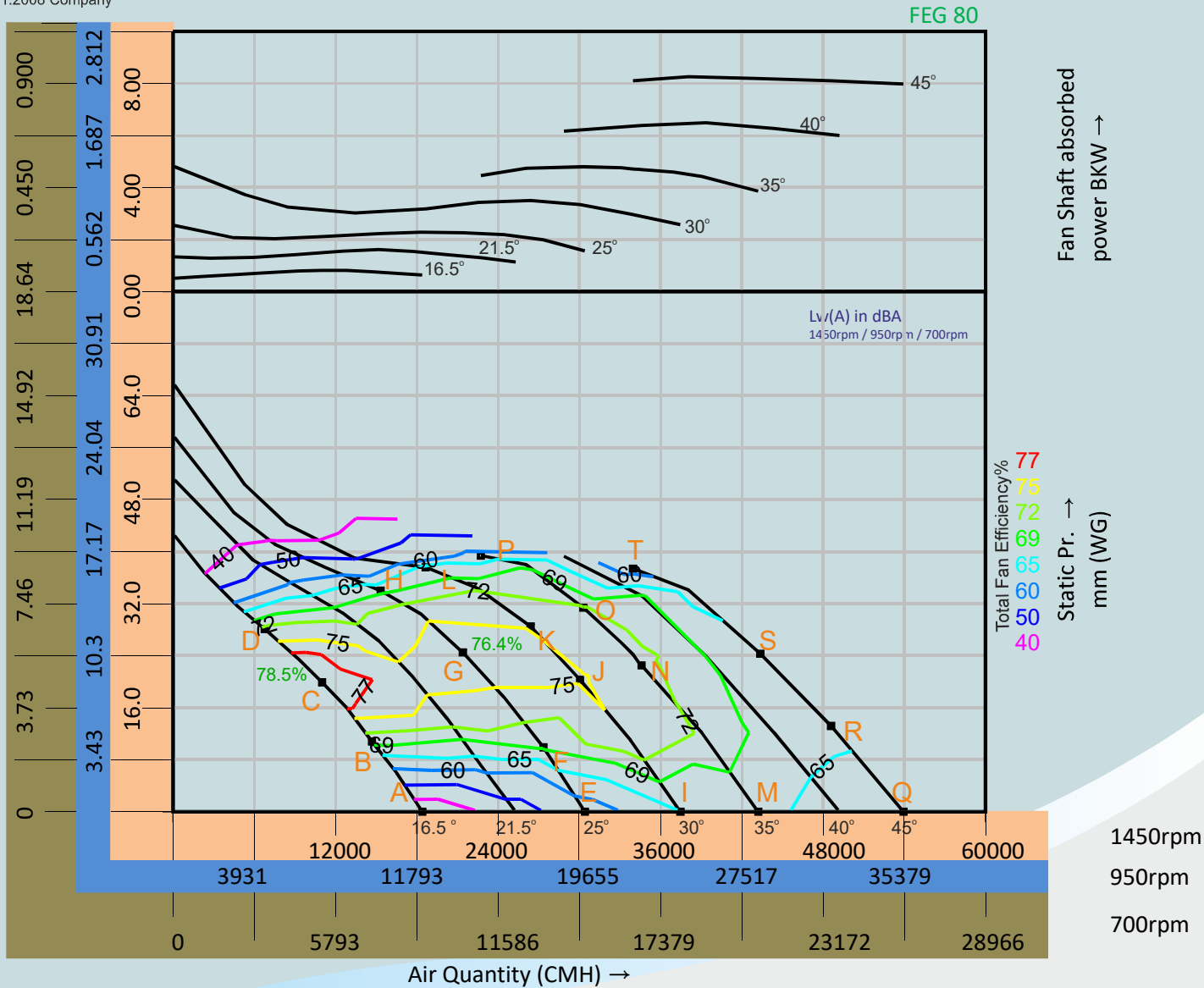


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FAN MODEL : AFPV4GAX-900-280-6

50Hz

Fan outlet and Inlet area: 0.6364 sq. mtr.



Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw_iA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm											
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
95 / 85 / 78	98 / 87 / 80	98 / 86 / 79	94 / 83 / 74	92 / 83 / 76	92 / 82 / 76	99 / 88 / 81	101 / 90 / 82	92 / 83 / 77	93 / 83 / 76	97 / 86 / 78	103 / 92 / 84	93 / 83 / 77	93 / 82 / 75	96 / 85 / 78	104 / 93 / 85	96 / 86 / 78	96 / 86 / 78	97 / 86 / 79	101 / 90 / 82
CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw _i A) dB								Loudness in Sones		Blade Angle					
11012	19.9	1450	0.814	63	125	250	500	1000	2000	4000	8000	Overall	48	16.5°					
21398	24.5	1450	2.267	58	74	81	93	97	94	89	83	99	53	25.0°					
37462	0.0	1450	2.573	61	76	79	83	88	86	84	85	92	42	30.0°					
18648	37.6	1450	3.183	68	77	93	100	100	95	89	82	103	67	30.0°					

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

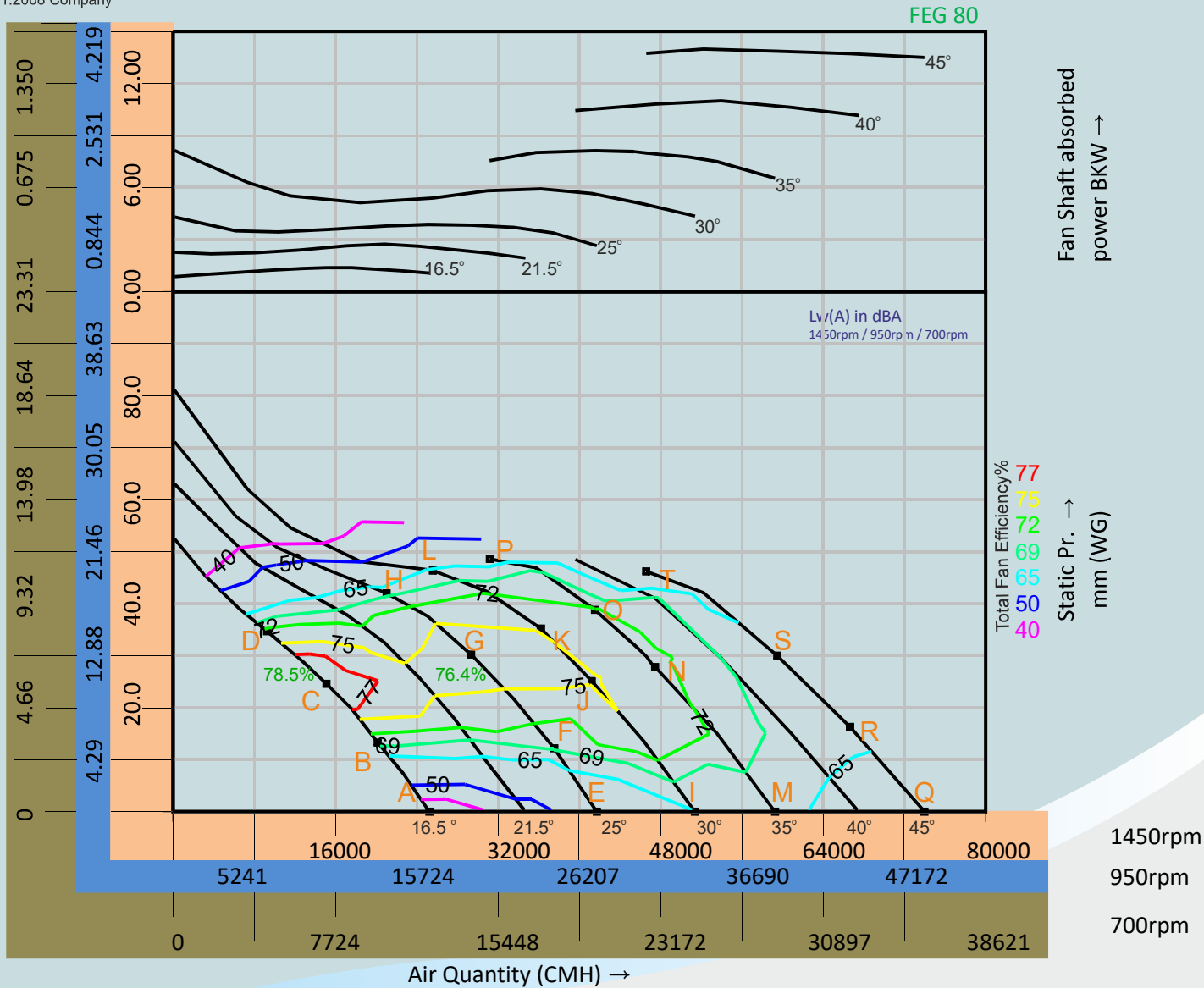


An ISO 9001:2008 Company

FAN MODEL : AFPV4GAX-1000-311-6

50Hz

Fan outlet and Inlet area: 0.7857 sq. mtr.



Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw_iA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA	
1450/950/700rpm		1450/950/700rpm		1450/950/700rpm		1450/950/700rpm		1450/950/700rpm		1450/950/700rpm		1450/950/700rpm	
A	98 / 88 / 82	E	95 / 86 / 79	I	95 / 86 / 80	M	96 / 87 / 80	Q	99 / 89 / 81				
B	101 / 90 / 83	F	95 / 85 / 79	J	96 / 86 / 79	N	96 / 85 / 78	R	99 / 89 / 82				
C	101 / 90 / 82	G	102 / 92 / 84	K	100 / 89 / 82	O	99 / 88 / 81	S	100 / 90 / 82				
D	97 / 86 / 78	H	104 / 93 / 85	L	106 / 95 / 87	P	107 / 96 / 88	T	104 / 93 / 86				

CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw _i A) dB								Loudness in Sones	Blade Angle	
				63	125	250	500	1000	2000	4000	8000			Overall
15106	24.57	1450	1.379	61	75	92	97	98	93	88	85	101	59	16.5°
29353	30.25	1450	3.839	61	77	84	96	100	97	92	86	102	65	25.0°
51388	0.0	1450	4.357	64	79	83	86	91	89	87	88	95	52	30.0°
25580	46.40	1450	5.390	72	80	96	103	103	98	92	85	106	83	30.0°

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

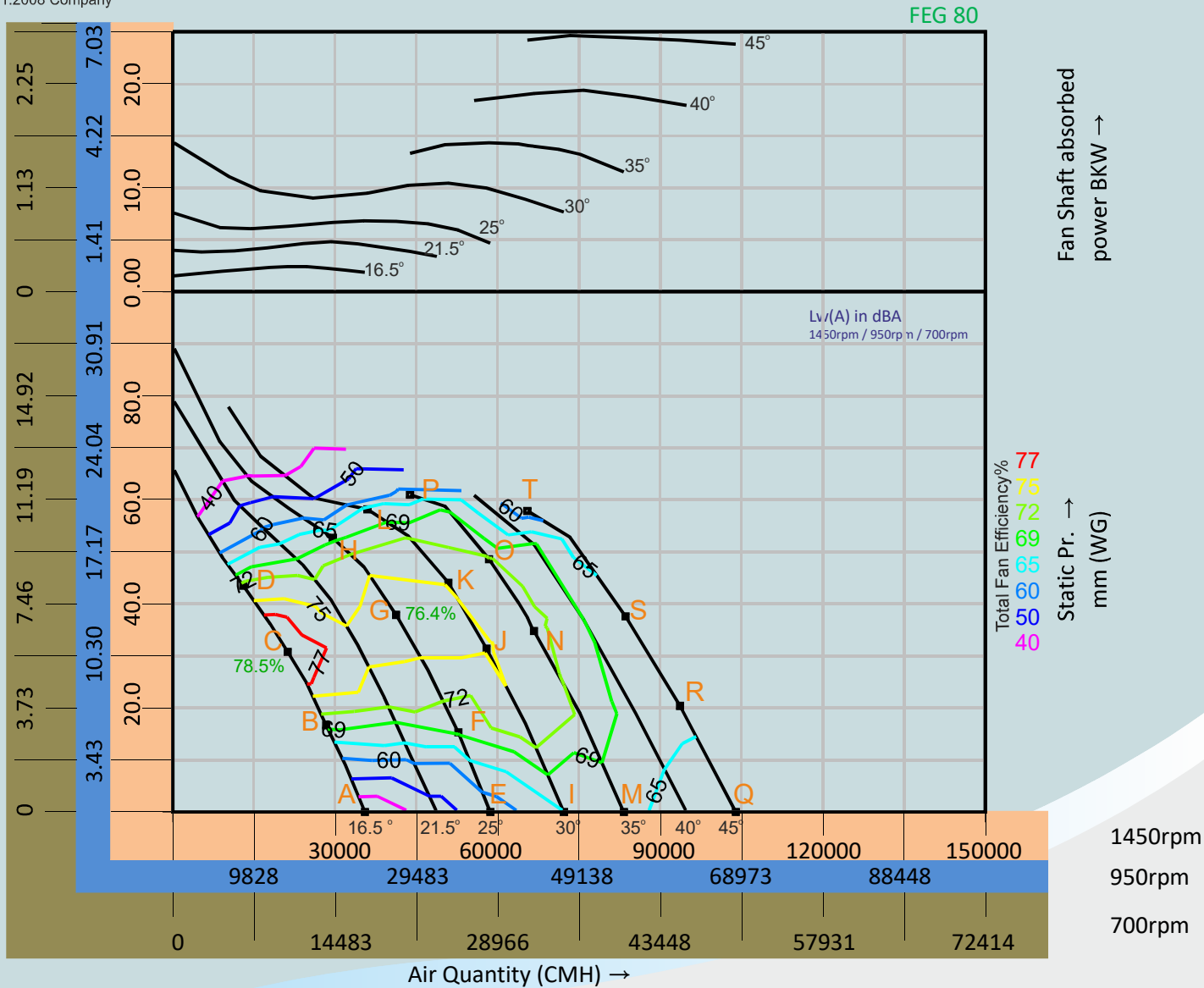


FAN MODEL : AFPVGAX-1120-348-6

50Hz

Fan outlet and Inlet area: 0.9856 sq. mtr.

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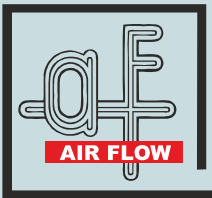


Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw_iA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm								
A	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
102 / 92 / 85	99 / 89 / 83	98 / 89 / 82	106 / 95 / 88	108 / 96 / 88	99 / 89 / 83	99 / 89 / 82	103 / 93 / 85	110 / 98 / 90	99 / 90 / 83	99 / 89 / 81	102 / 92 / 84	111 / 99 / 91	103 / 92 / 85	103 / 92 / 85	103 / 93 / 86	107 / 97 / 89
CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw _i A) dB								Loudness in Sones		Blade Angle		
21222	30.82	1450	2.429	63	125	250	500	1000	2000	4000	8000	Overall	75	16.5 °		
41238	37.94	1450	6.766	64	80	87	100	103	100	95	89	106	83	25.0 °		
72197	0.00	1450	7.679	67	82	86	90	95	93	91	92	99	66	30.0 °		
35938	58.20	1450	9.500	75	83	99	107	107	101	96	89	110	107	30.0 °		

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

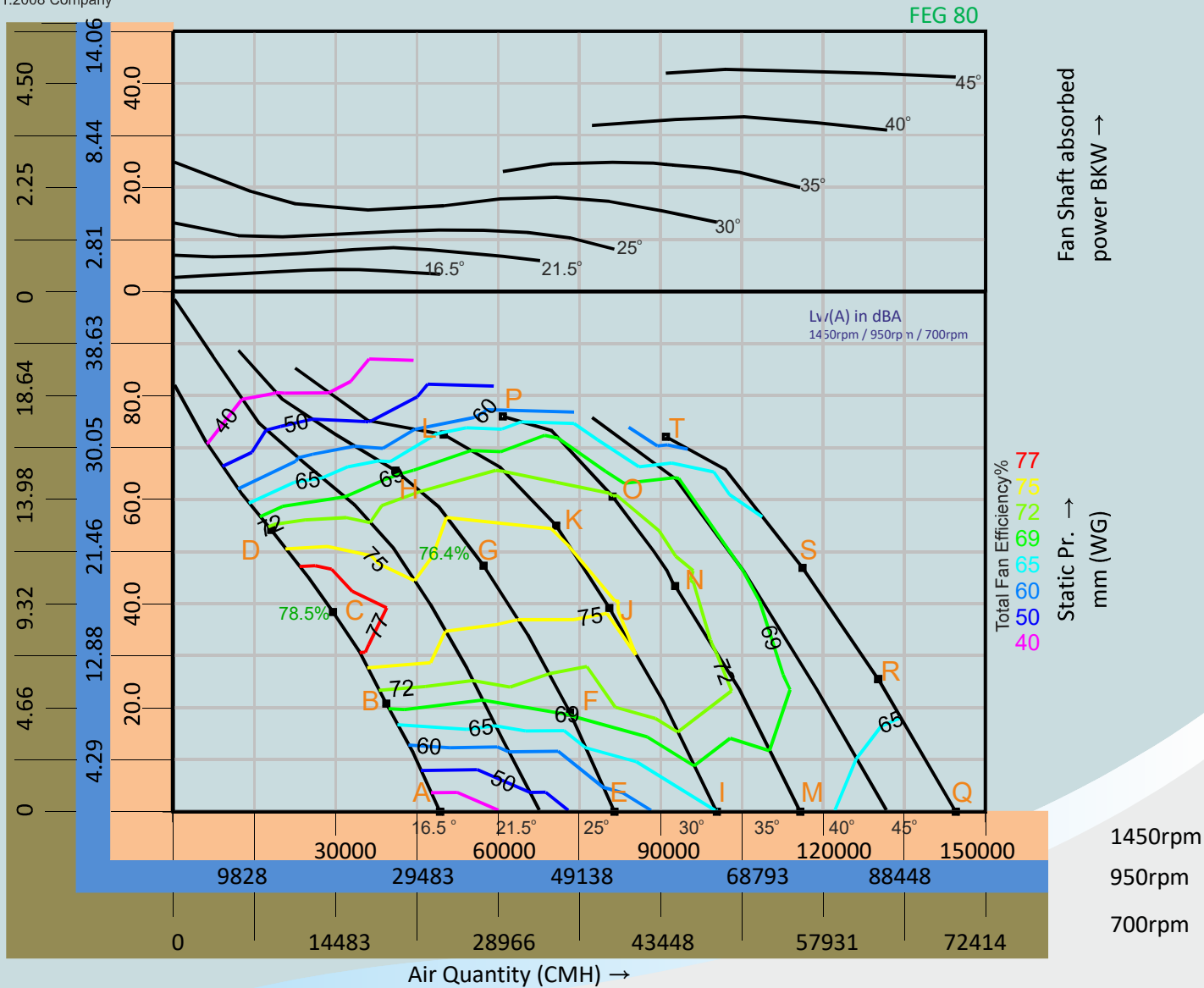


FAN MODEL : AFPV4GAX-1250-389-6

50Hz

Fan outlet and Inlet area: 1.2278 sq. mtr.

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Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw_iA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm						
A	105 / 95 / 88	E	102 / 93 / 86	I	102 / 93 / 87	M	103 / 93 / 87	Q	106 / 96 / 88					
B	108 / 97 / 90	F	102 / 92 / 86	J	103 / 93 / 86	N	102 / 92 / 85	R	106 / 96 / 88					
C	108 / 96 / 89	G	109 / 98 / 91	K	107 / 96 / 88	O	106 / 95 / 88	S	107 / 96 / 89					
D	103 / 93 / 84	H	111 / 100 / 92	L	113 / 102 / 94	P	114 / 103 / 95	T	111 / 100 / 92					
CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw _i A) dB								Loudness in Sones	Blade Angle	
29503	38.39	1450	4.207	68	81	98	104	105	100	95	92	108	95	16.5°
57329	47.26	1450	11.716	68	84	91	103	107	104	99	93	109	106	25.0°
100368	0.00	1450	13.298	71	86	89	93	98	96	94	95	102	83	30.0°
49961	72.50	1450	16.450	78	87	103	110	110	105	99	92	111	138	30.0°

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

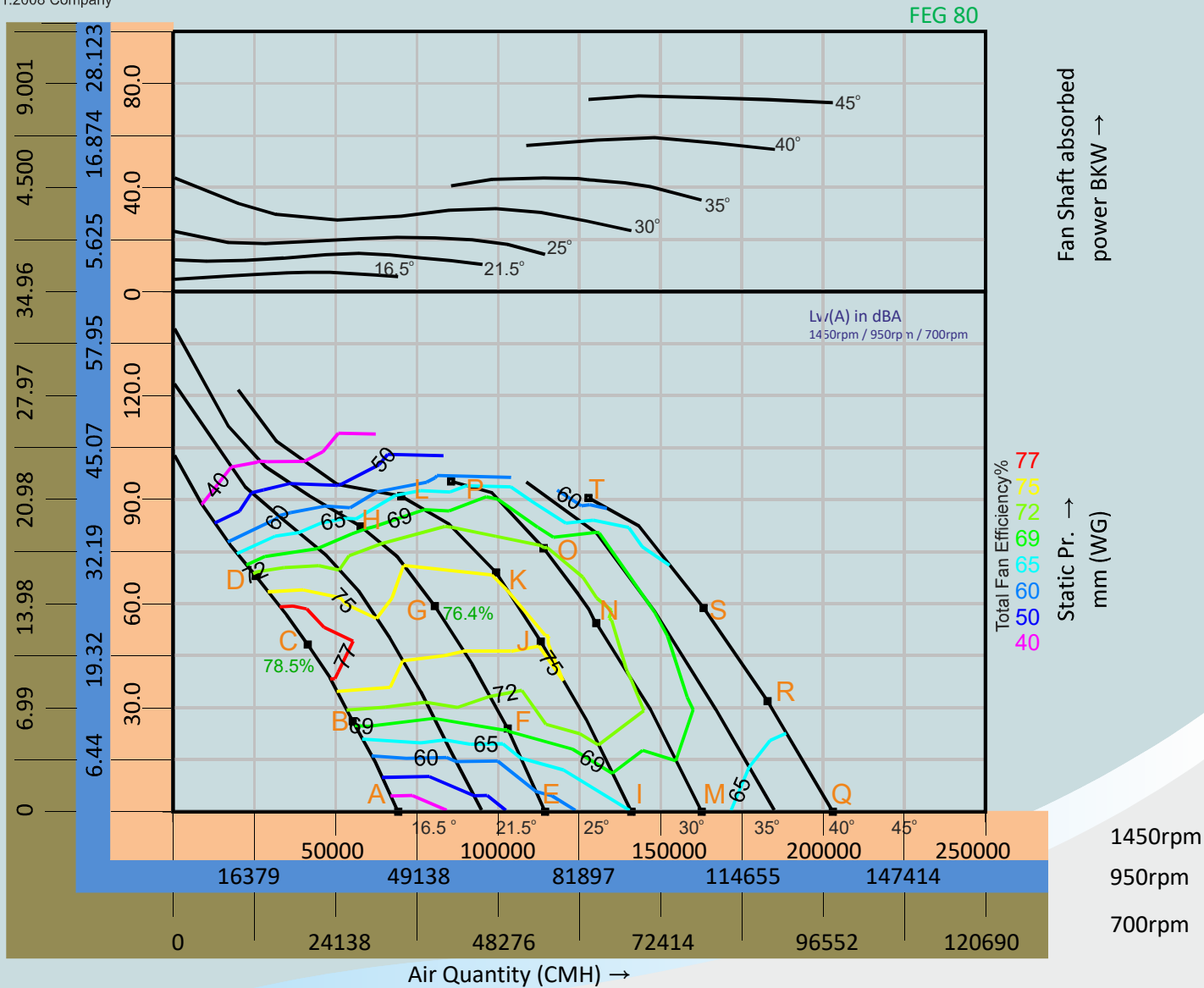


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FAN MODEL : AFPV4GAX-1400-436-6

50Hz

Fan outlet and Inlet area: 1.5400 sq. mtr.



Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw_iA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm		LwA in dBA 1450/950/700rpm								
A	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
109 / 99 / 92	111 / 100 / 93	111 / 100 / 92	107 / 96 / 88	106 / 96 / 90	105 / 96 / 89	113 / 102 / 94	115 / 103 / 95	106 / 96 / 90	105 / 96 / 90	106 / 96 / 89	110 / 99 / 92	109 / 99 / 91	117 / 106 / 98	110 / 99 / 92	110 / 99 / 92	114 / 103 / 96
CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw _i A) dB								Loudness in Sones		Blade Angle		
27157	20.67	950	2.085	63	125	250	500	1000	2000	4000	8000	Overall	58	16.5°		
52770	25.45	950	5.807	67	79	89	98	99	95	91	85	102	64	25.0°		
92385	0.00	950	6.591	69	80	82	89	90	89	90	91	96	60	30.0°		
45988	39.10	950	8.153	70	84	98	102	100	95	90	83	105	78	30.0°		

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

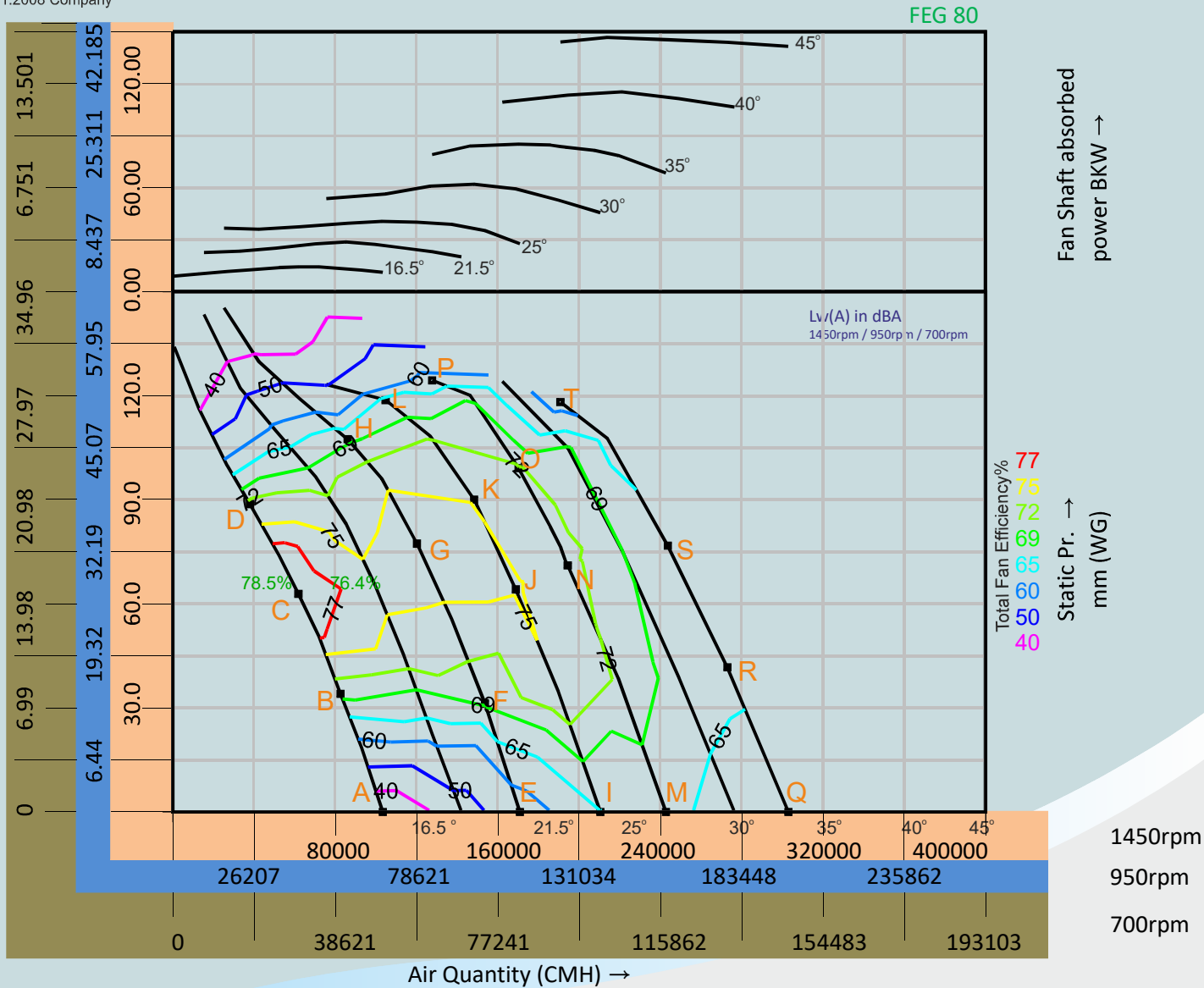


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FAN MODEL : AFPV4GAX-1600-498-6

50Hz

Fan outlet and Inlet area: 2.0114 sq. mtr.



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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 L_wiA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

	L _w A in dBA 1450/950/700rpm	L _w A in dBA 1450/950/700rpm	L _w A in dBA 1450/950/700rpm	L _w A in dBA 1450/950/700rpm	L _w A in dBA 1450/950/700rpm
A	113 / 103 / 96	E	110 / 100 / 94	I	109 / 100 / 94
B	115 / 105 / 97	F	109 / 100 / 98	J	110 / 100 / 93
C	115 / 104 / 96	G	117 / 106 / 99	K	114 / 103 / 96
D	111 / 100 / 92	H	119 / 107 / 99	L	121 / 109 / 101
				P	121 / 110 / 102
				T	118 / 108 / 100
				Q	114 / 103 / 96
				R	114 / 103 / 96
				S	114 / 104 / 96

CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (L _w iA) dB								Loudness in Sones	Blade Angle	
				63	125	250	500	1000	2000	4000	8000			Overall
40537	27.0	950	4.065	69	83	97	101	99	95	92	89	104	76	16.5°
78770	33.24	950	11.322	71	83	93	102	103	99	95	89	106	84	25.0°
137905	0.00	950	12.850	73	84	86	93	94	93	94	95	100	80	30.0°
68647	51.00	950	15.896	74	88	102	106	104	99	94	87	109	105	30.0°

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

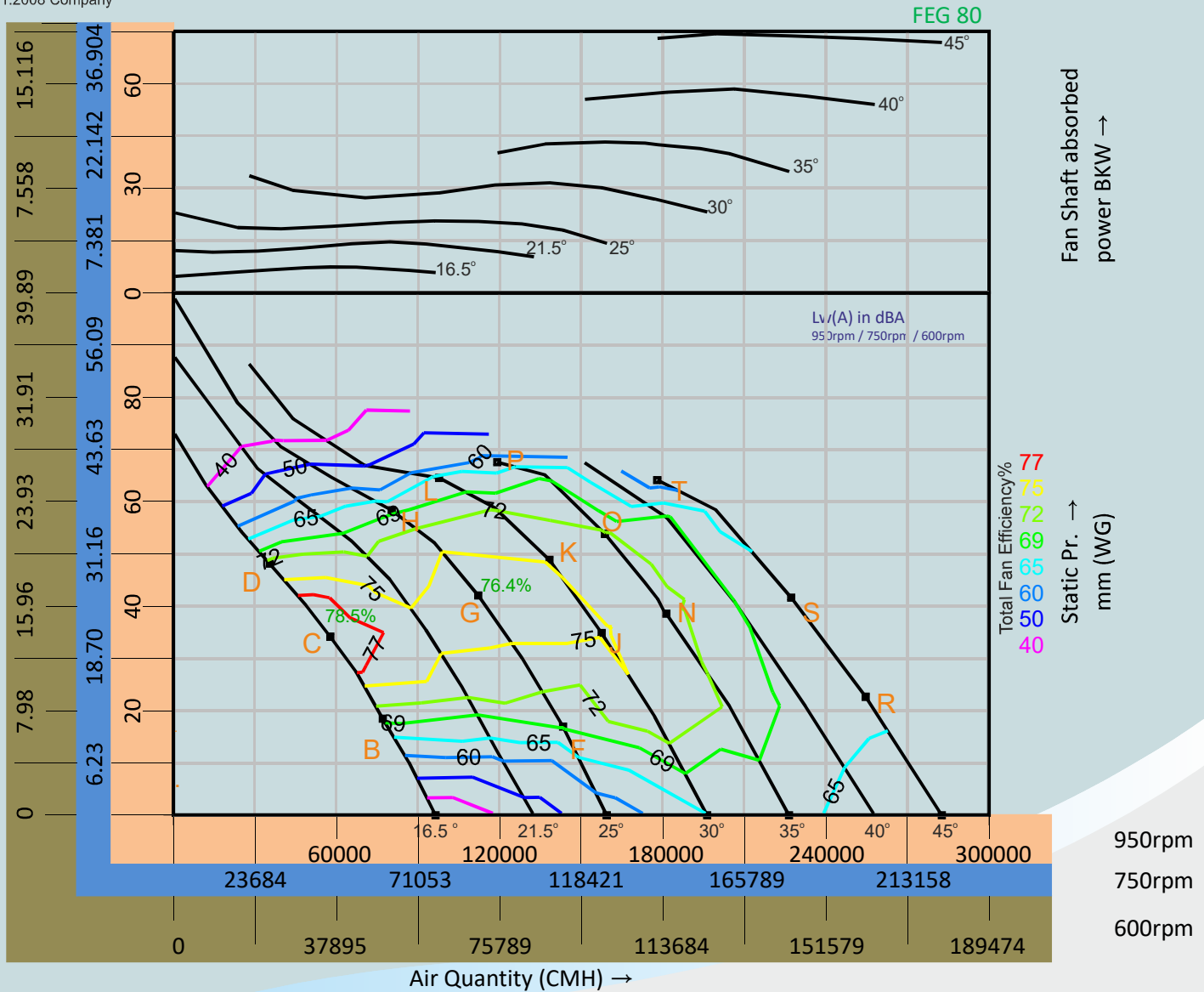


An ISO 9001:2008 Company

FAN MODEL : AFPV4GAX-1800-560-6

50Hz

Fan outlet and Inlet area: 2.5457 sq. mtr.



Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 Lw(A) sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA		LwA in dBA	
950/750/600rpm		950/750/600rpm		950/750/600rpm		950/750/600rpm		950/750/600rpm	
A	106 / 101 / 96	E	104 / 99 / 94	I	104 / 99 / 95	M	104 / 99 / 95	Q	107 / 101 / 95
B	108 / 103 / 97	F	103 / 98 / 93	J	104 / 98 / 93	N	103 / 97 / 92	R	107 / 101 / 96
C	108 / 102 / 96	G	109 / 104 / 98	K	107 / 101 / 95	O	106 / 100 / 95	S	107 / 102 / 96
D	104 / 97 / 92	H	111 / 105 / 98	L	113 / 107 / 100	P	114 / 108 / 101	T	111 / 105 / 99

CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (Lw(A)) dB								Loudness in Sones	Blade Angle	
				63	125	250	500	1000	2000	4000	8000			Overall
45567	21.30	750	3.605	68	88	95	99	96	92	91	88	102	68	16.5°
88543	26.22	750	10.039	70	80	94	101	100	96	92	86	104	73	25.0°
155015	0.00	750	11.394	72	80	84	92	92	91	94	95	99	74	30.0°
77164	40.20	750	14.095	73	92	101	104	101	96	91	84	107	90	30.0°

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.

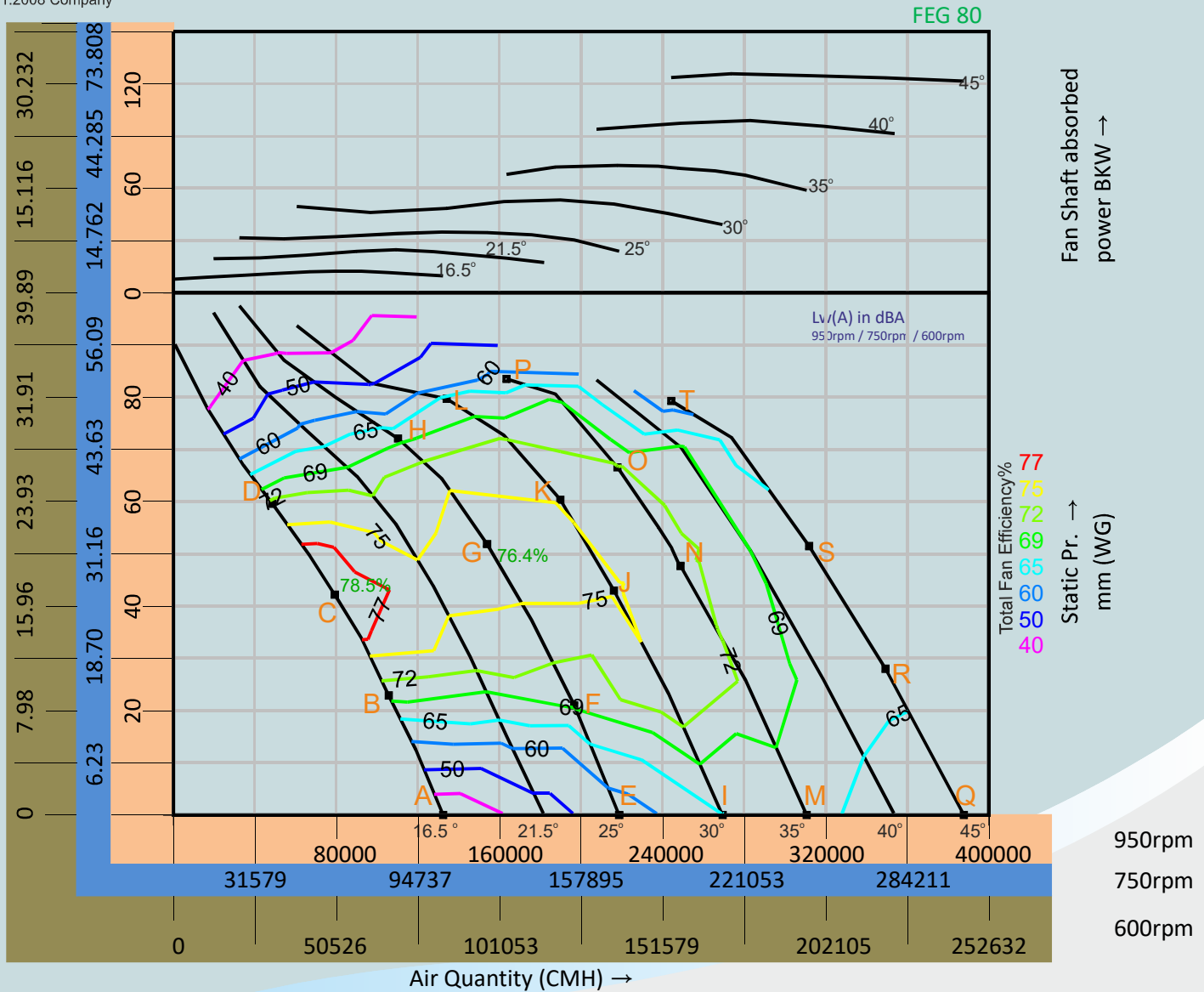


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FAN MODEL : AFPV4GAX-2000-622-6

50Hz

Fan outlet and Inlet area: 3.1429 sq. mtr.

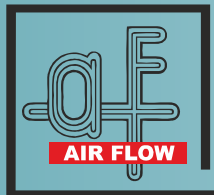


Air Flow Private Limited certifies that the Axial Flow Fan series AFPV4GAX shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

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 LwA sound power level for Installation Type D: Ducted inlet, Ducted outlet.

LwA in dBA 950/750/600rpm		LwA in dBA 950/750/600rpm		LwA in dBA 950/750/600rpm		LwA in dBA 950/750/600rpm		LwA in dBA 950/750/600rpm						
A	110 / 104 / 99	E	107 / 102 / 97	I	107 / 102 / 98	M	108 / 102 / 98	Q	110 / 104 / 99					
B	111 / 106 / 100	F	107 / 101 / 97	J	107 / 101 / 96	N	106 / 101 / 95	R	110 / 104 / 99					
C	111 / 105 / 99	G	113 / 107 / 101	K	110 / 104 / 99	O	109 / 104 / 98	S	111 / 105 / 99					
D	107 / 101 / 95	H	114 / 108 / 102	L	116 / 110 / 103	P	117 / 111 / 105	T	114 / 108 / 103					
CMH	St. Pr. mmWG	RPM	BKW	Sound Power Levels A-weighted (LwA) dB								Loudness in Sones	Blade Angle	
62506	26.29	750	6.104	63	125	250	500	1000	2000	4000	8000	Overall	83	16.5°
121459	32.37	750	17.001	73	84	97	104	103	99	95	89	107	90	25.0°
212641	0.00	750	19.296	75	83	87	95	95	94	97	98	102	92	30.0°
105849	49.70	750	23.870	76	95	104	107	104	99	94	87	110	112	30.0°

The sound ratings shown are loudness values in fan sones at a distance of 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301, values shown are for installation Type D: free inlet hemispherical sone levels.



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