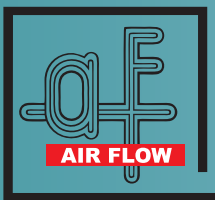


Axial Flow Fans

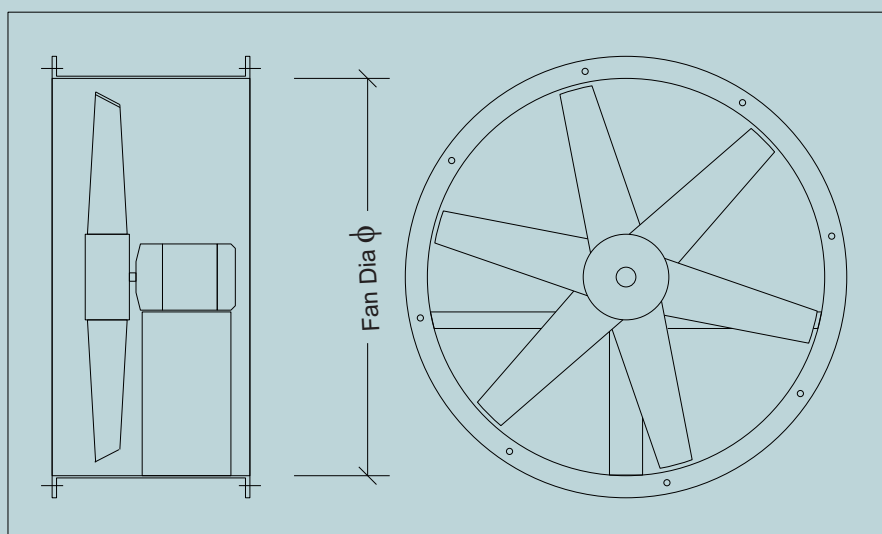


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AFPV3G AX1



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| Fan Model | Fan Dia | No. of blades |
|-------------------|---------|---------------|
| AFPV3G-450-97-6 | 450mm | 6 # |
| AFPV3G-500-107-6 | 500mm | 6 # |
| AFPV3G-560-120-6 | 560mm | 6 # |
| AFPV3G-630-135-6 | 630mm | 6 # |
| AFPV3G-710-153-6 | 710mm | 6 # |
| AFPV3G-800-172-6 | 800mm | 6 # |
| AFPV3G-900-194-6 | 900mm | 6 # |
| AFPV3G-1000-214-6 | 1000mm | 6 # |
| AFPV3G-1120-240-6 | 1120mm | 6 # |
| AFPV3G-1250-269-6 | 1250mm | 6 # |
| AFPV3G-1400-300-6 | 1400mm | 6 # |
| AFPV3G-1600-344-6 | 1600mm | 6 # |
| AFPV3G-1800-388-6 | 1800mm | 6 # |
| AFPV3G-2000-428-6 | 2000mm | 6 # |

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, 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. AMCA Certification for Axial Flow Fans, 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 and AMCA Certification 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’

Introduction



Air Flow Pvt. Ltd. certifies that the Axial flow fans AFPV3G-450-97-6-AX1 to AFPV3G-2000-428-6-AX1 (page 12 to 39) 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.

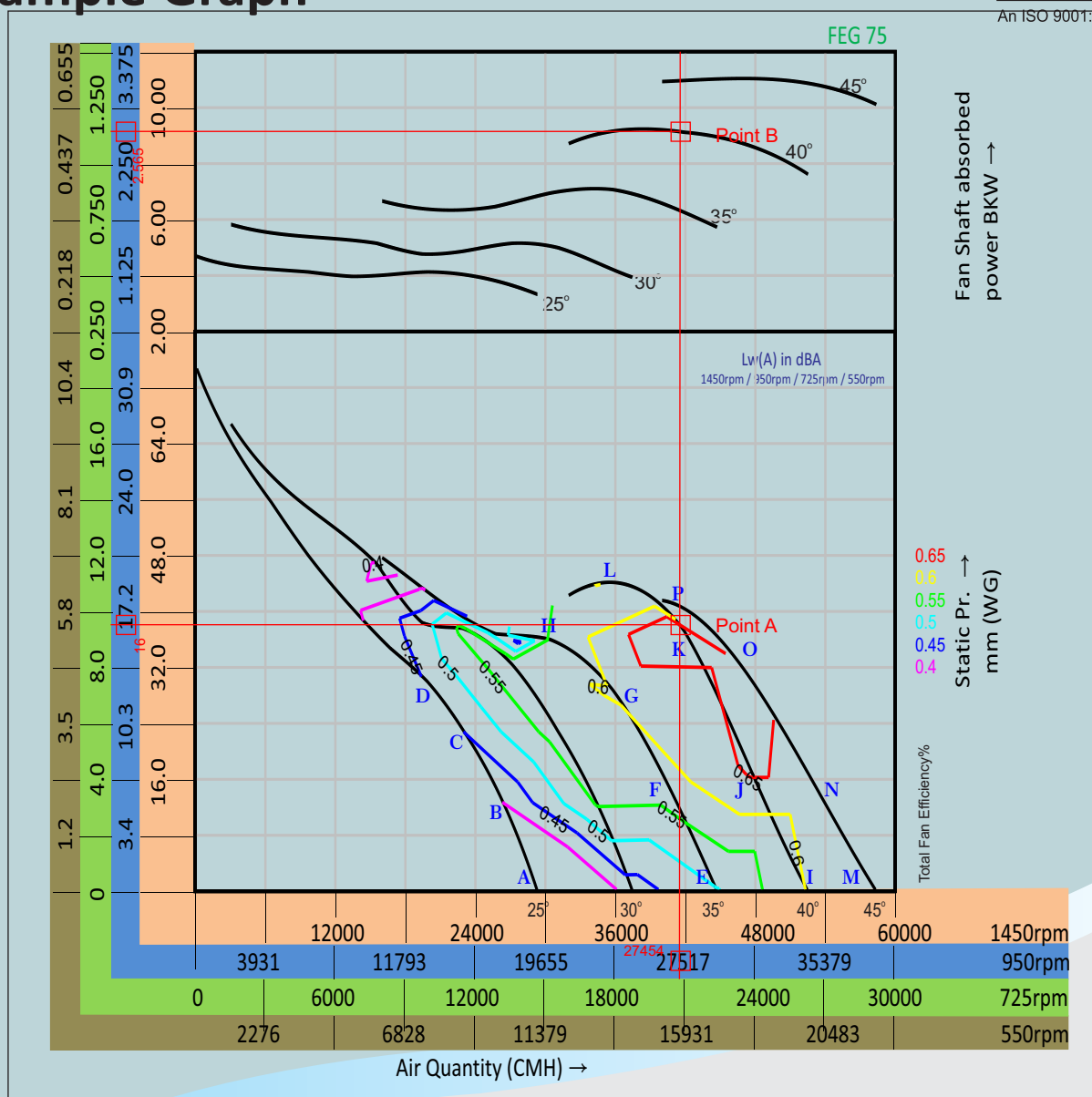
Features

- 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.
- i) Minimum space and weight

Example Graph

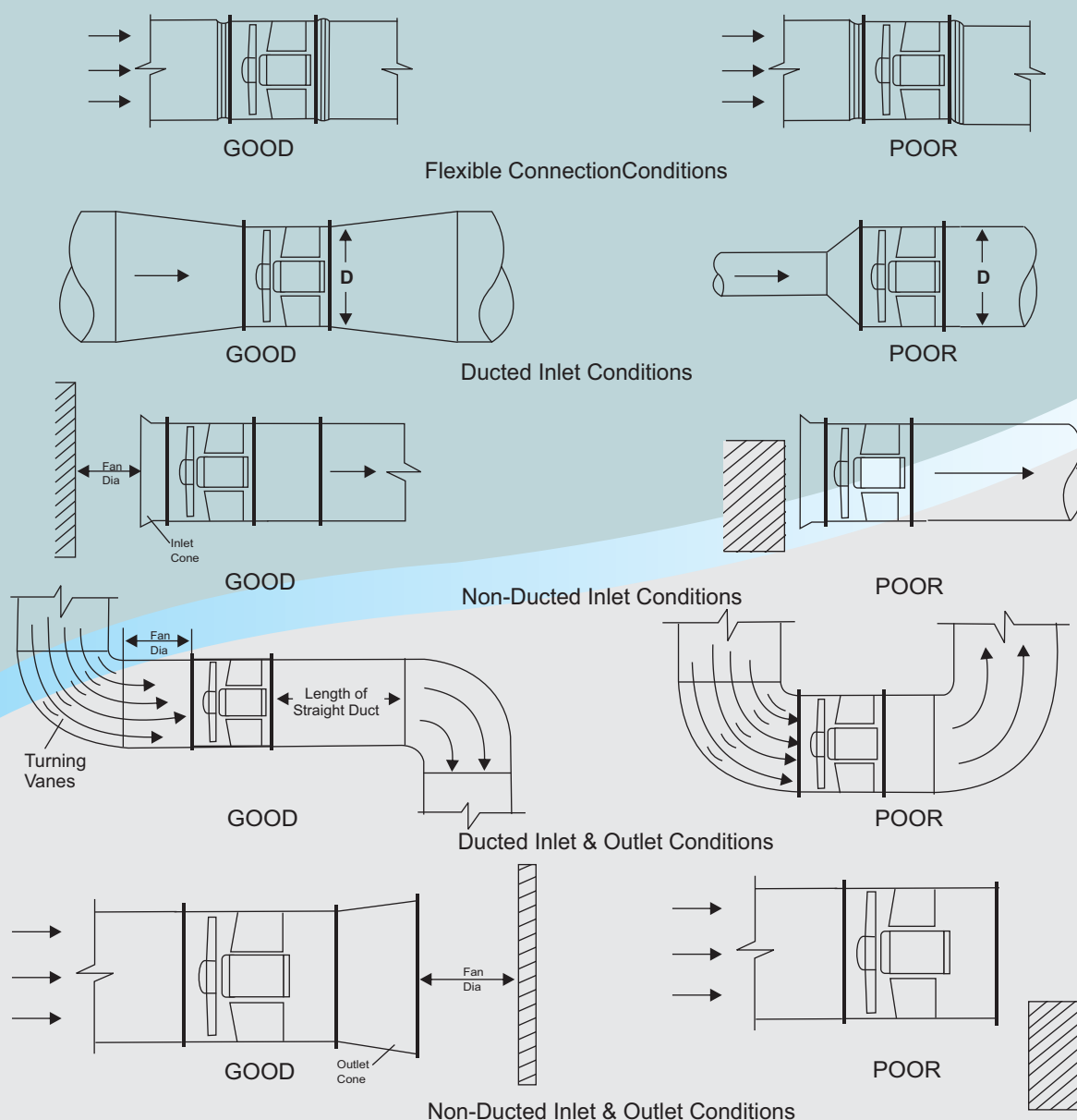


System Effects

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.





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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

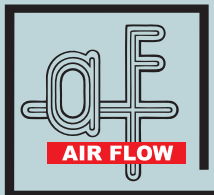
1 Btu = 777.97 Ft-lb
1 hp = 2545 Btu/hr
1 hp = 1.014 metric hp
1 hp = .0761 boiler hp
1 kw = 3414 Btu/hr
1 Ton = 12000 Btu/hr

DENSITY

1 lb/ft³ = 16.018 kg/m²

TIP SPEED

1 fpm = .0051 m/s



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Asking for 90dBA Fan

* Article abstract from AMCA Techspec Vol.III - No.1

Asking for 90dBA Fan is a lot like asking for a “light”, you don't know what you are going to get. The term dBA relates to sound pressure. How much sound pressure emanates from a fan depends on a number of variable.

Calculate sound pressure from the fan sound power rating using unknown variables.

Comparing light levels

Most of us are much more familiar with light, If someone says he has a 100 watt light bulb you have some idea of the candlepower available. If the light bulb is frosted you know more about the available light, but if you want to read by the light, you want to know the light intensity level at the reading location. Light intensity level is expressed as foot candles, this is equivalent to sound pressure level in dB.

If you think in terms of light intensity for reading, using only light from a 100 Watt frosted light bulb, there are lot of question to be answered. Some question are:

| | Question for client | Light aspect | Sound aspect |
|----|---------------------------|---|------------------------------------|
| a) | How far is the Light? | If the light is the mile away it is not much use. | How far is the fan? |
| b) | Is the light outdoors? | With no walls, all but the direct light radiates out into “free field” of space. | Is the fan outdoors? |
| c) | How big is the room? | Light could reflect off all the walls of a small room. | How big is the room? |
| d) | Are the room walls white? | A room covered with black velvet would not reflect much light regardless of its size. | How sound absorbent are the walls? |

Calculating Sound Pressure

Sound questions are very similar to the light questions. Sound instruments measure only sound pressure, this pressure varies depending on the surroundings. To calculate sound pressure from sound power, all the variables have to be considered. AMCA publication 303 Application of Sound Power Level Ratings for fan is an introduction to the complex relationship between sound power level at one location and the sound pressure level, what is heard, at a second location.

Human Response

One further complication of working with a sound is that the ear sensitivity varies with frequency. A low frequency sound of a certain power does not seem as loud as a higher frequency sound of the identical power. To account for this difference a “weighting scale” has been developed . Sound power levels adjusted by this specific weighting scale are called “A weighted”. Sound pressure levels are calculated to a single number dBA.

Free Field Ratings

Because one environment, a free field, can be easily defined it is sometimes used to specify desired sound pressure levels. If a fan is placed on the ground in a large open field all of its sound would radiate out in a hemispherical free field with no sound reflected back .These condition are fully defined and it is possible to convert fan sound power to sound pressure at a specific distance. As the distance increases the sound pressure decreases, so only sound pressure comparisons at a given distance are valid. If you specify a 90 dBA maximum fan at five feet in a hemispherical free field, it is possible to calculate dBA sound pressure from sound power rating. When no conditions are given comparisons cannot be made. Fan A measures 90 dBA at 10 feet and a 12 dB louder fan, Fan B, measures 90 dBA at 40 feet, both in a hemispherical free field .Any fan can meet the maximum criterion if properly located.

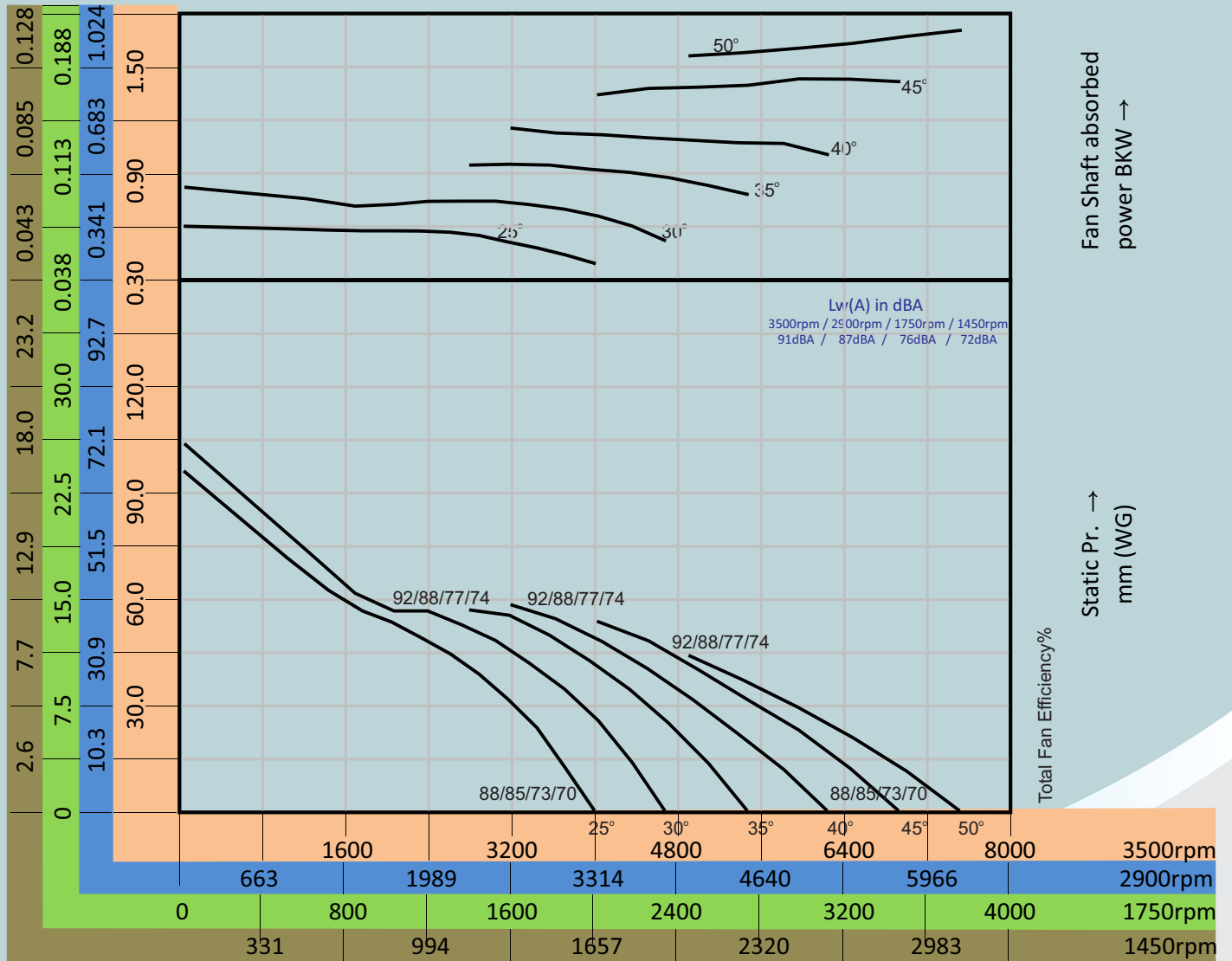
Since few fans are used in an open field it is likely that a 90 dBA specification refers to a specific location. Much more data are needed to decide fan sound power limits which will provide a 90 dBA pressure measurement.



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■ FAN MODEL : AFPV3G- 315-AX1

Fan outlet and Inlet area: 0.0780 sq. mtr.



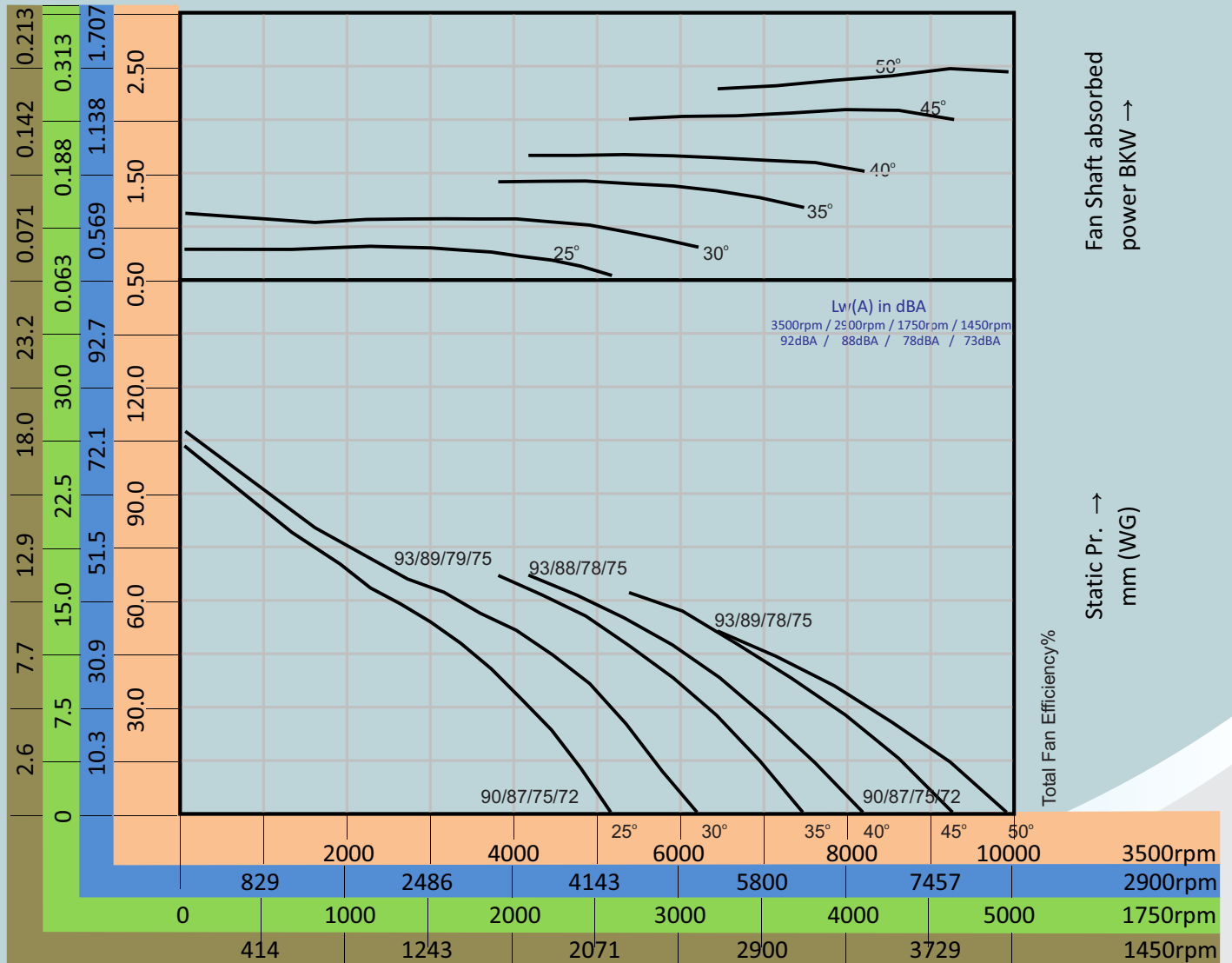
Performance is for installation type A - Free inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power level for Installation Type A: free inlet, free outlet. Model: AFPV3G-315-AX1 is not Licensed to bear the AMCA certified rating seal.



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■ FAN MODEL : AFPV3G- 355-AX1

Fan outlet and Inlet area: 0.0990 sq. mtr.



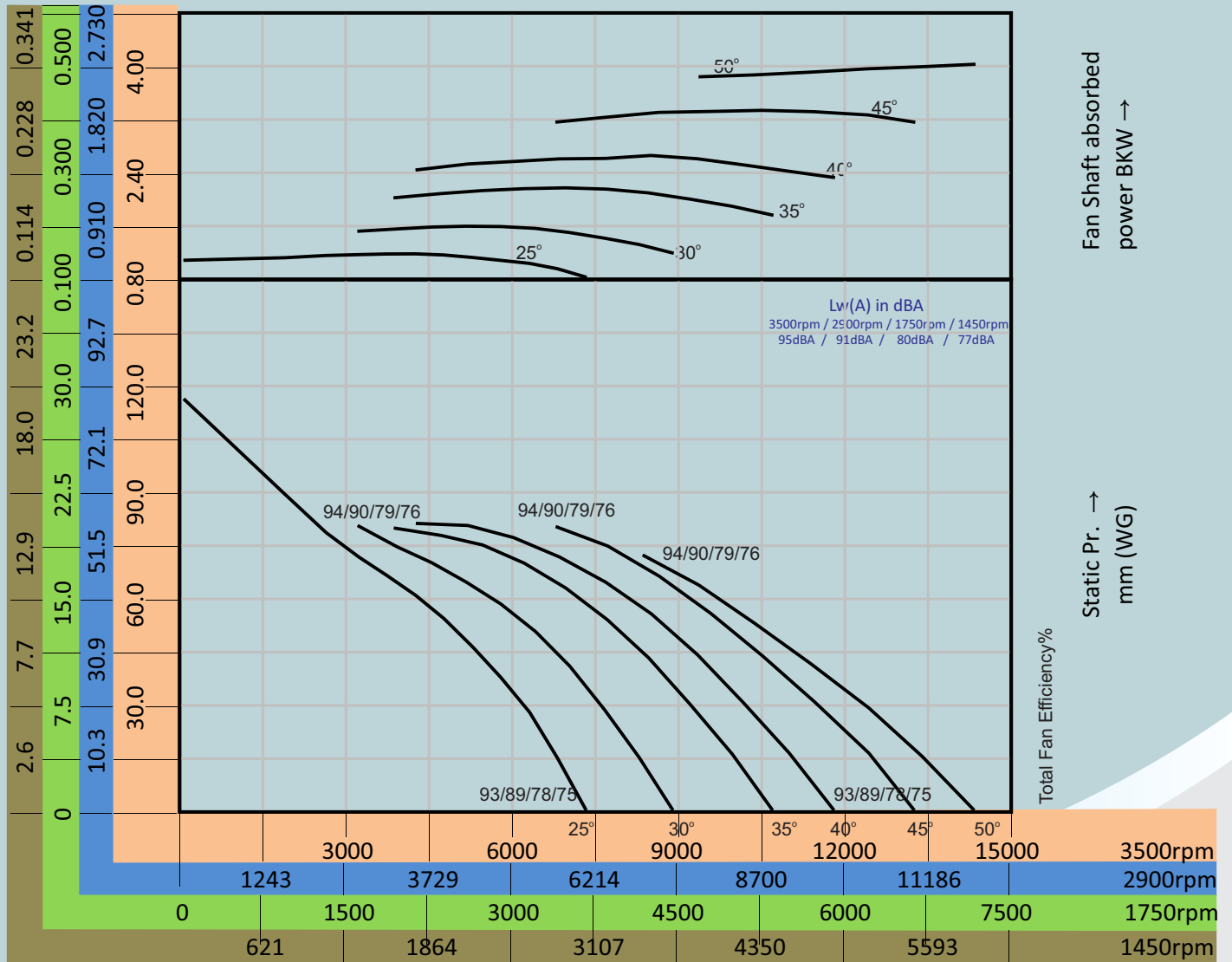
Performance is for installation type A - Free inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power level for Installation Type A: free inlet, free outlet. Model: AFPV3G-355-AX1 is not Licensed to bear the AMCA certified rating seal.



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■ FAN MODEL : AFPV3G- 400-AX1

Fan outlet and Inlet area: 0.1257 sq. mtr.



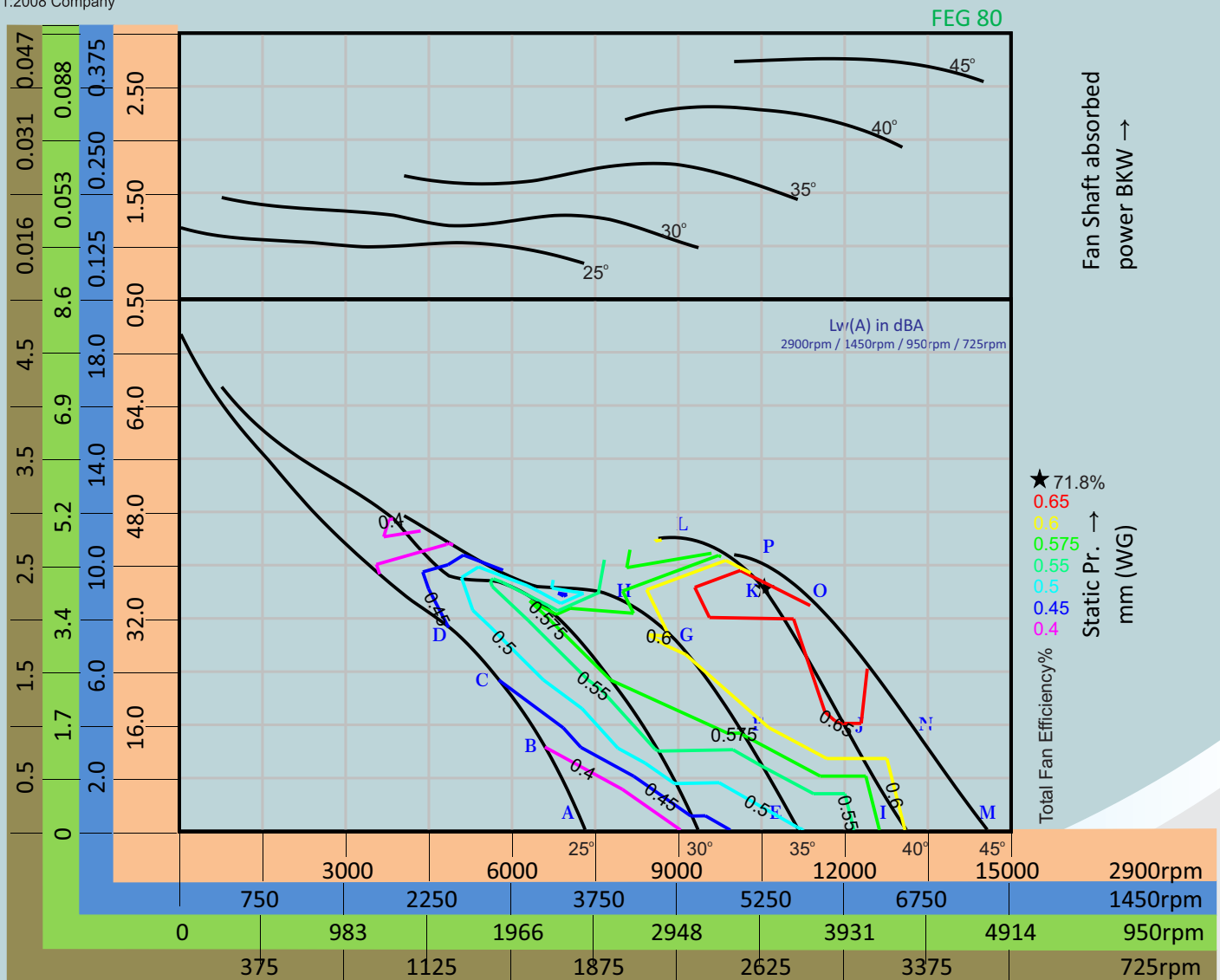
Performance is for installation type A - Free inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power level for Installation Type A: free inlet, free outlet. Model: AFPV3G-400-AX1 is not Licensed to bear the AMCA certified rating seal.



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■ FAN MODEL : AFPV3G- 450-97-6-AX1

Fan outlet and Inlet area: 0.1591 sq. mtr.

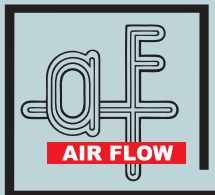


Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-450-97-6-AX1 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | |
|------------------------------------|-------------------|---|-------------------|------------------------------------|-------------------|---|-------------------|------------------------------------|--------------------|---|-------------------|------------------------------------|--------------------|---|-------------------|
| A | 96 / 78 / 68 / 62 | E | 95 / 77 / 67 / 60 | I | 96 / 77 / 67 / 60 | M | 96 / 78 / 68 / 62 | B | 97 / 80 / 69 / 63 | F | 96 / 77 / 67 / 60 | J | 96 / 77 / 67 / 60 | N | 96 / 78 / 68 / 62 |
| C | 99 / 81 / 70 / 64 | G | 95 / 77 / 67 / 60 | K | 96 / 78 / 68 / 61 | O | 96 / 78 / 68 / 62 | D | 100 / 80 / 69 / 62 | H | 99 / 81 / 70 / 63 | L | 100 / 82 / 70 / 63 | P | 96 / 79 / 69 / 63 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 7330 | 0.0 | 2900 | 0.832 | 91 | 99 | 98 | 91 | 89 | 89 | 84 | 82 | 96 | 46 | 25° |
| 8942 | 29.0 | 2900 | 1.768 | 88 | 96 | 96 | 91 | 86 | 87 | 85 | 83 | 95 | 44 | 35° |
| 10476 | 37.1 | 2900 | 2.28 | 89 | 97 | 97 | 93 | 89 | 89 | 86 | 83 | 96 | 47 | 40° |
| 14256 | 4.1 | 2900 | 2.528 | 92 | 100 | 100 | 93 | 88 | 89 | 85 | 84 | 97 | 50 | 45° |
| 4471 | 7.2 | 1450 | 0.221 | 76 | 77 | 75 | 70 | 72 | 70 | 68 | 66 | 77 | 15.0 | 35° |
| 5238 | 9.3 | 1450 | 0.285 | 77 | 78 | 77 | 73 | 74 | 71 | 68 | 66 | 78 | 16.0 | 40° |

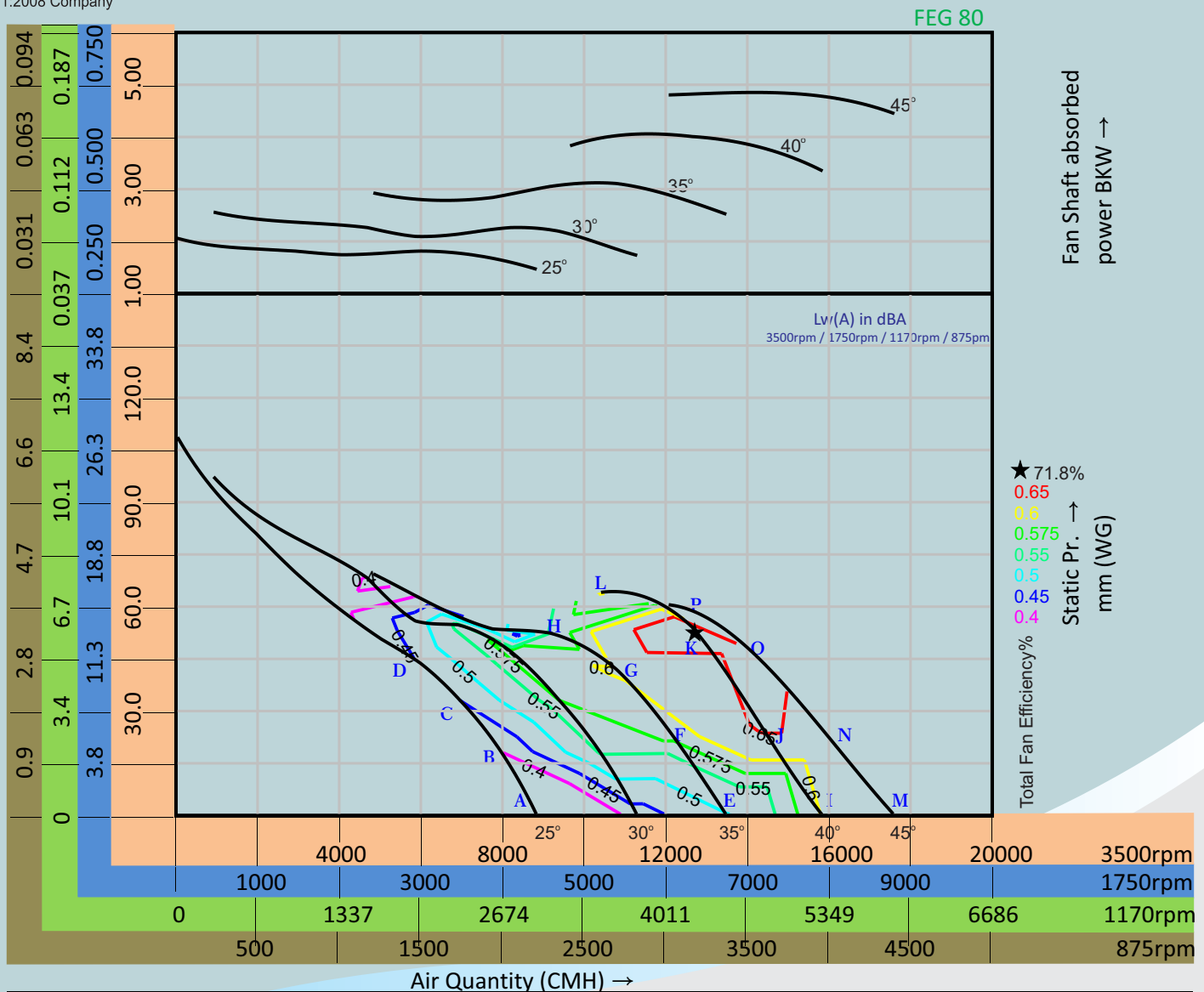
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 450-97-6-AX1

Fan outlet and Inlet area: 0.1591 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-450-97-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | |
|---|-------------------------------------|--|--|---|-------------------------------------|--|--|---|-------------------------------------|--|--|---|-------------------------------------|--|--|
| A | 102 / 83 / 73 / 66 | | | E | 101 / 82 / 72 / 65 | | | I | 102 / 83 / 72 / 65 | | | M | 103 / 84 / 73 / 66 | | |
| B | 103 / 84 / 74 / 67 | | | F | 102 / 82 / 72 / 64 | | | J | 102 / 83 / 72 / 65 | | | N | 102 / 83 / 73 / 66 | | |
| C | 104 / 86 / 75 / 68 | | | G | 100 / 82 / 72 / 65 | | | K | 102 / 83 / 73 / 66 | | | O | 102 / 83 / 73 / 66 | | |
| D | 106 / 86 / 74 / 67 | | | H | 104 / 86 / 75 / 68 | | | L | 106 / 87 / 76 / 68 | | | P | 102 / 84 / 74 / 67 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 10793 | 42.2 | 3500 | 3.108 | 92 | 100 | 99 | 100 | 91 | 91 | 90 | 88 | 100 | 60 | 35 ° |
| 4423 | 0.0 | 1750 | 0.183 | 83 | 83 | 84 | 78 | 78 | 75 | 72 | 73 | 83 | 22 | 25 ° |
| 5396 | 10.5 | 1750 | 0.389 | 80 | 81 | 83 | 76 | 76 | 75 | 73 | 71 | 82 | 20 | 35 ° |
| 6322 | 13.5 | 1750 | 0.501 | 81 | 82 | 85 | 78 | 78 | 76 | 73 | 71 | 83 | 21 | 40 ° |
| 8603 | 1.5 | 1750 | 0.556 | 84 | 85 | 86 | 78 | 78 | 75 | 73 | 74 | 84 | 24 | 45 ° |
| 3480 | 7.2 | 1170 | 0.149 | 71 | 78 | 76 | 74 | 71 | 67 | 63 | 60 | 76 | 13.4 | 40 ° |

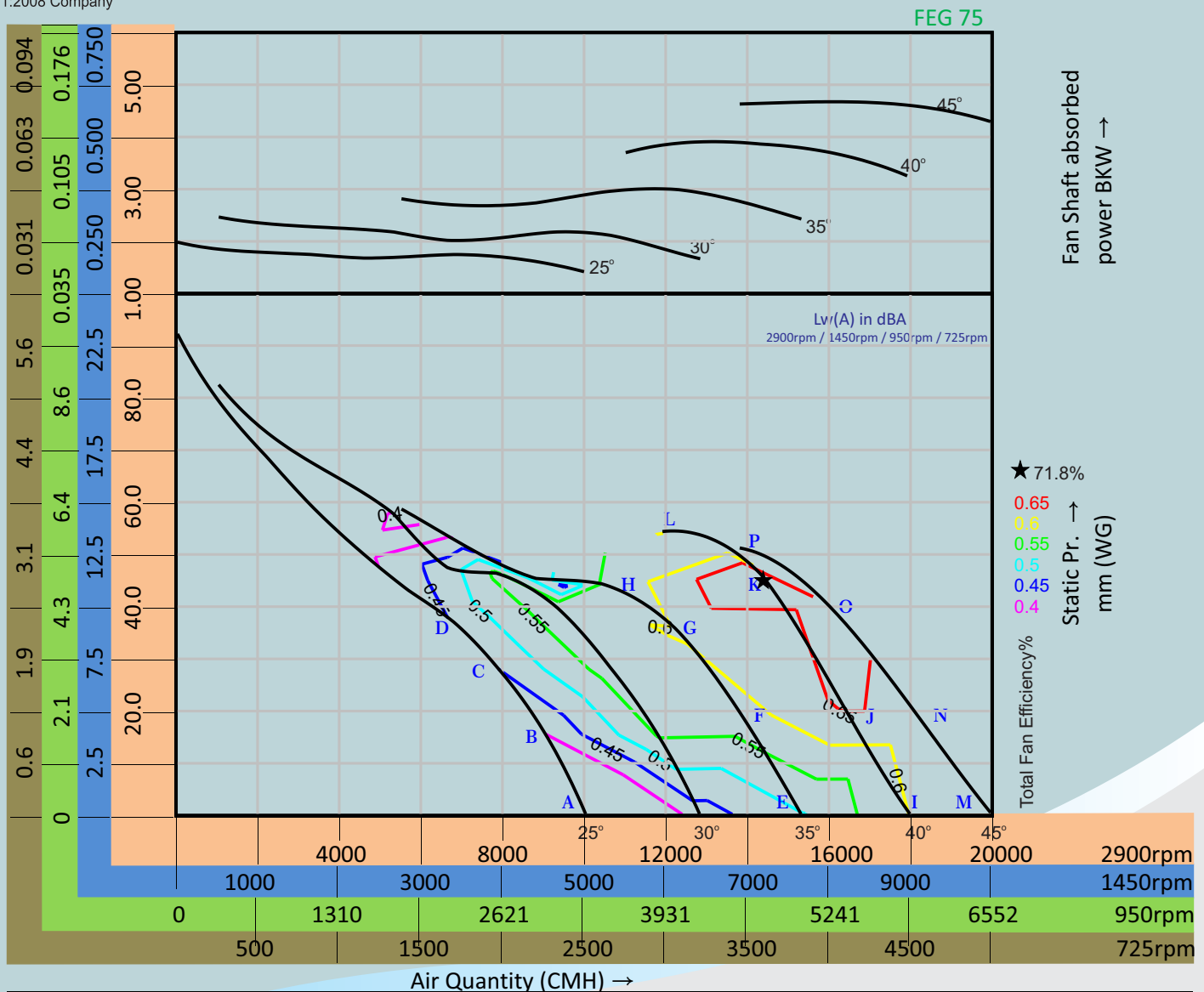
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 500-107-6-AX1

Fan outlet and Inlet area: 0.1964 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-500-107-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | |
|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|
| A | 99 / 81 / 71 / 65 | | | E | 99 / 81 / 70 / 64 | | | I | 99 / 81 / 70 / 64 | | | M | 100 / 82 / 72 / 66 | | |
| B | 100 / 83 / 73 / 66 | | | F | 99 / 80 / 70 / 63 | | | J | 99 / 81 / 70 / 63 | | | N | 100 / 81 / 71 / 65 | | |
| C | 102 / 84 / 73 / 67 | | | G | 98 / 80 / 70 / 63 | | | K | 100 / 82 / 71 / 64 | | | O | 100 / 82 / 72 / 65 | | |
| D | 103 / 83 / 73 / 66 | | | H | 102 / 84 / 73 / 66 | | | L | 104 / 85 / 74 / 66 | | | P | 100 / 82 / 72 / 66 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| 10054 | 0.0 | 2900 | 1.409 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 99 | 58 | 25° |
| 12267 | 35.8 | 2900 | 2.994 | 92 | 100 | 100 | 94 | 89 | 91 | 88 | 86 | 98 | 54 | 35° |
| 14370 | 45.8 | 2900 | 3.861 | 93 | 101 | 101 | 96 | 92 | 93 | 89 | 86 | 100 | 58 | 40° |
| 19556 | 5.0 | 2900 | 4.281 | 96 | 104 | 104 | 96 | 91 | 93 | 88 | 87 | 100 | 60 | 45° |
| 6133 | 8.9 | 1450 | 0.374 | 80 | 81 | 78 | 73 | 75 | 73 | 71 | 69 | 80 | 18.3 | 35° |
| 7185 | 11.5 | 1450 | 0.483 | 81 | 82 | 80 | 76 | 77 | 74 | 71 | 69 | 82 | 19.3 | 40° |

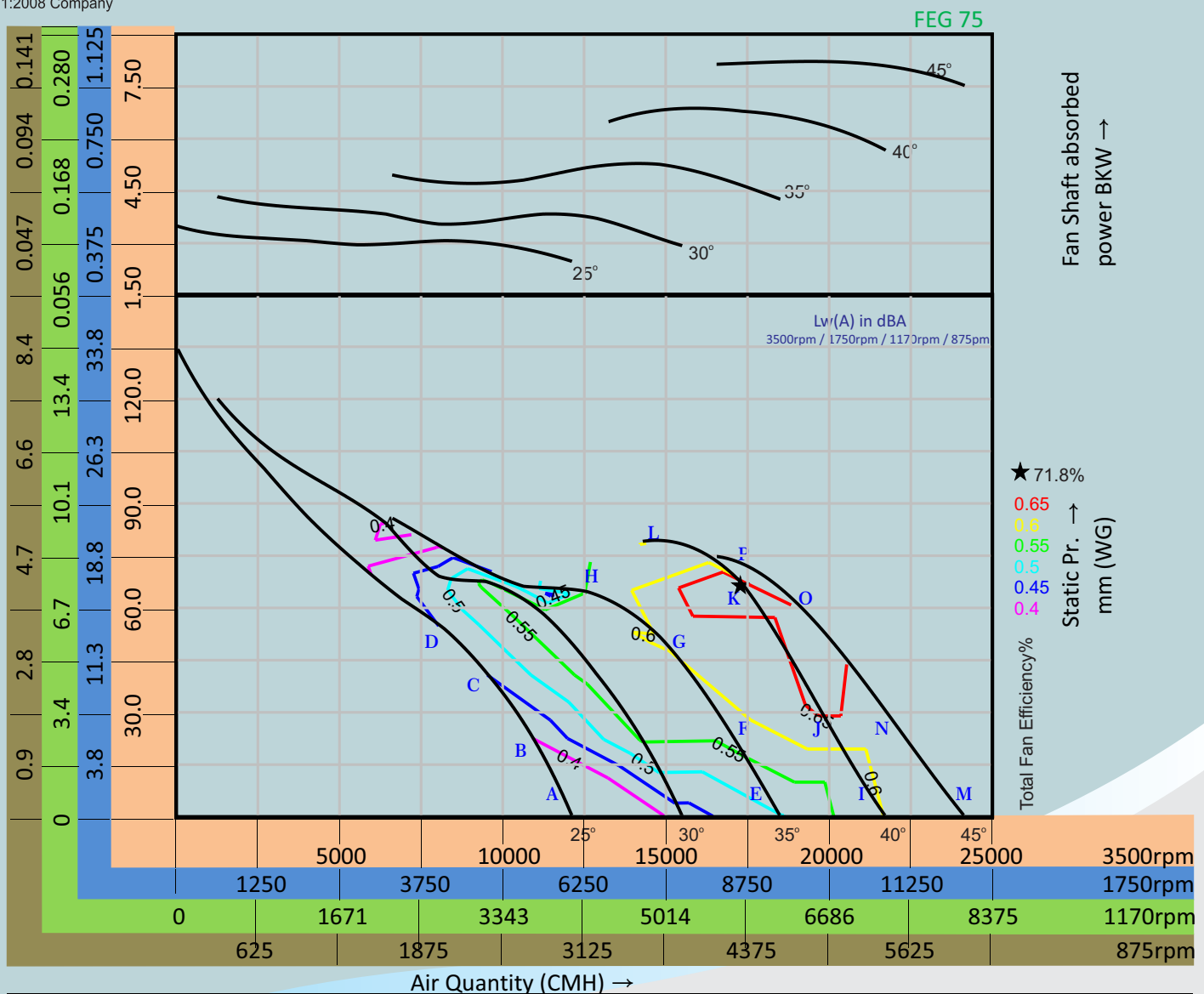
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 500-107-6-AX1

Fan outlet and Inlet area: 0.1964 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-500-107-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | |
|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|
| A | 105 | 86 | 76 / 69 | E | 105 | 86 | 75 / 68 | I | 105 | 86 | 75 / 68 | M | 106 | 87 | 77 / 70 |
| B | 106 | 88 | 78 / 71 | F | 105 | 86 | 75 / 68 | J | 105 | 86 | 75 / 68 | N | 106 | 87 | 76 / 69 |
| C | 107 | 89 | 79 / 71 | G | 104 | 85 | 75 / 68 | K | 105 | 87 | 76 / 69 | O | 105 | 87 | 76 / 70 |
| D | 109 | 89 | 78 / 70 | H | 107 | 89 | 79 / 71 | L | 109 | 90 | 79 / 72 | P | 106 | 87 | 77 / 70 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|----|----|----|----|-----------------------|----------------------|----------------|
| 14805 | 52.1 | 3500 | 5.264 | 96 | 103 | 103 | 103 | 95 | 94 | 93 | 91 | 104 | 76 | 35° |
| 6067 | 0.0 | 1750 | 0.31 | 87 | 87 | 88 | 81 | 81 | 78 | 75 | 76 | 86 | 27 | 25° |
| 7402 | 13.0 | 1750 | 0.658 | 84 | 85 | 87 | 79 | 79 | 78 | 76 | 74 | 85 | 25 | 35° |
| 8672 | 16.7 | 1750 | 0.848 | 85 | 86 | 88 | 82 | 81 | 79 | 76 | 74 | 87 | 26 | 40° |
| 11801 | 1.8 | 1750 | 0.941 | 88 | 89 | 90 | 81 | 81 | 78 | 77 | 77 | 87 | 28 | 45° |
| 4774 | 8.9 | 1170 | 0.252 | 75 | 82 | 79 | 77 | 74 | 70 | 67 | 64 | 79 | 16.5 | 40° |

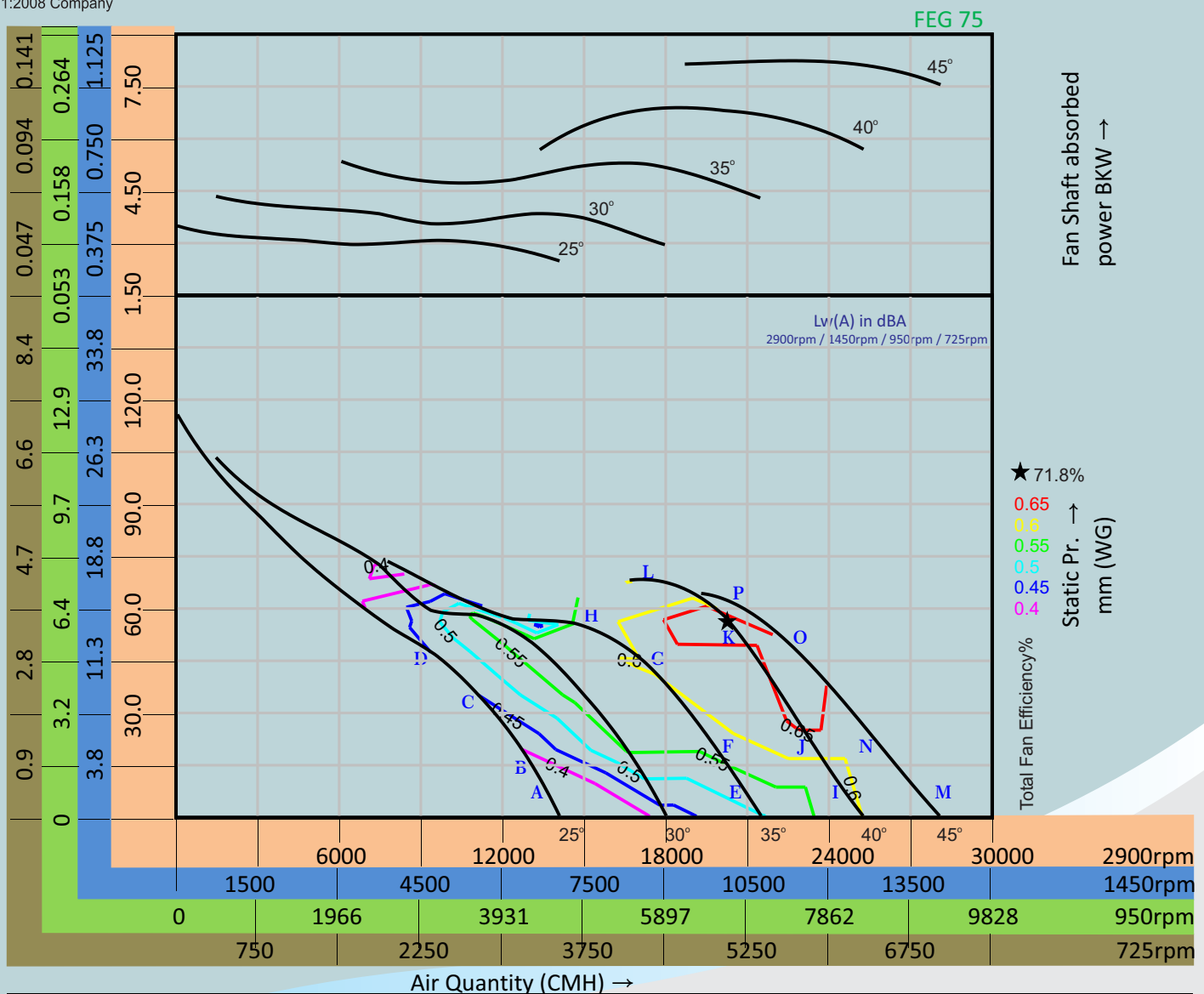
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 560-120-6-AX1

Fan outlet and Inlet area: 0.2464 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-560-120-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | | LwA in dBA 2900/1450/950/725rpm | | | |
|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|
| A | 103 | 85 | 75 / 68 | E | 102 | 84 | 74 / 67 | I | 103 | 84 | 74 / 67 | M | 103 | 85 | 75 / 69 |
| B | 104 | 86 | 76 / 70 | F | 103 | 84 | 73 / 67 | J | 103 | 84 | 74 / 67 | N | 103 | 85 | 75 / 69 |
| C | 106 | 88 | 77 / 70 | G | 102 | 84 | 73 / 67 | K | 103 | 85 | 75 / 68 | O | 103 | 85 | 75 / 69 |
| D | 107 | 87 | 76 / 69 | H | 106 | 88 | 77 / 70 | L | 107 | 89 | 77 / 70 | P | 103 | 86 | 75 / 69 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 14126 | 0.0 | 2900 | 2.483 | 100 | 107 | 105 | 98 | 95 | 96 | 91 | 89 | 103 | 74 | 25 ° |
| 17234 | 44.9 | 2900 | 5.277 | 97 | 104 | 103 | 98 | 92 | 94 | 92 | 90 | 102 | 70 | 35 ° |
| 20189 | 57.5 | 2900 | 6.805 | 98 | 105 | 104 | 100 | 95 | 96 | 93 | 90 | 103 | 75 | 40 ° |
| 27612 | 6.31 | 2900 | 7.545 | 101 | 108 | 107 | 100 | 94 | 96 | 92 | 91 | 104 | 77 | 45 ° |
| 8617 | 11.2 | 1450 | 0.660 | 85 | 85 | 82 | 77 | 79 | 77 | 75 | 73 | 84 | 23 | 35 ° |
| 10095 | 14.4 | 1450 | 0.851 | 86 | 86 | 84 | 80 | 81 | 78 | 75 | 73 | 85 | 24 | 40 ° |

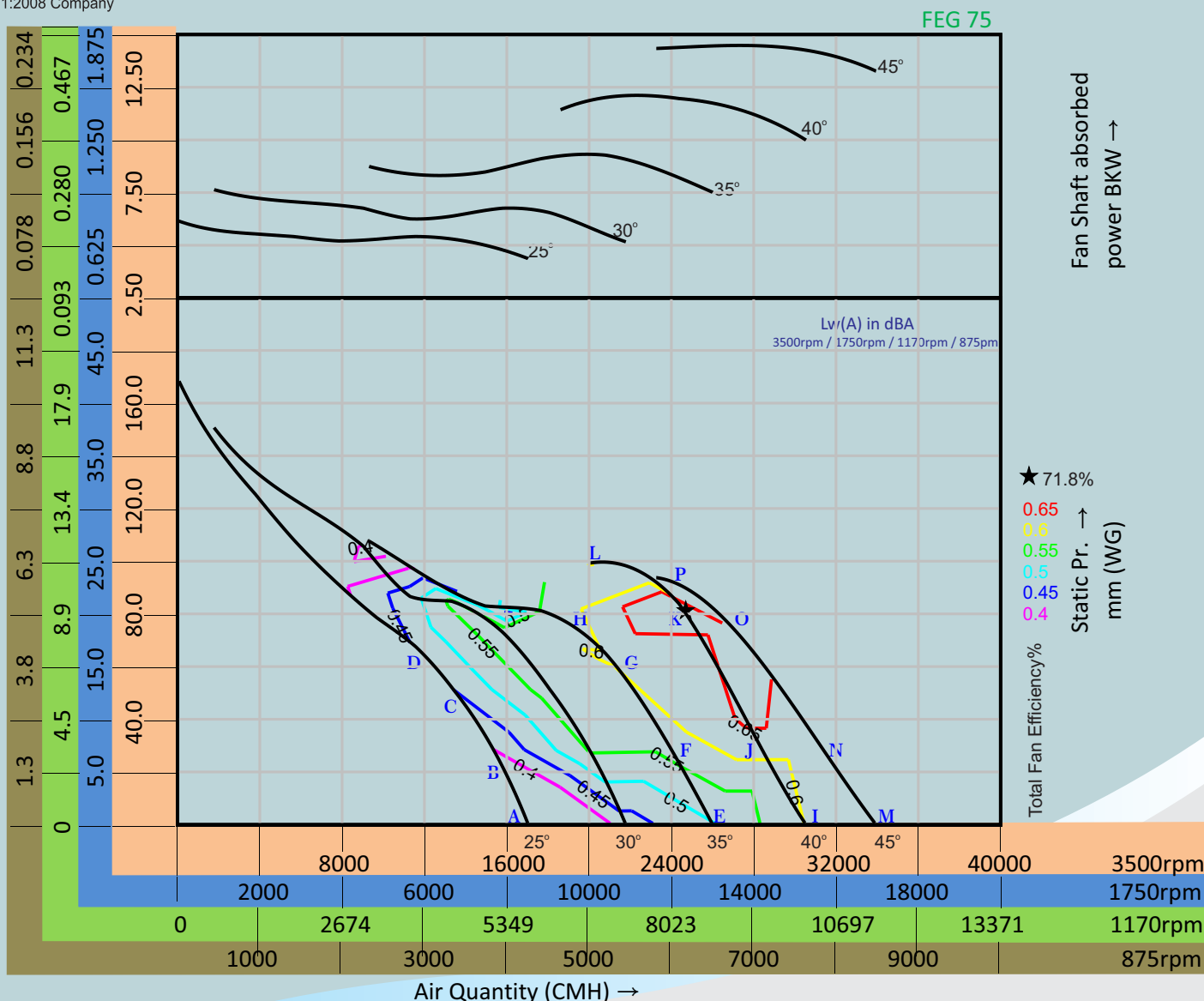
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 560-120-6-AX1

Fan outlet and Inlet area: 0.2464 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-560-120-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | | LwA in dBA 3500/1750/1170/875rpm | | | |
|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|-------------------------------------|-----|----|---------|
| A | 109 | 90 | 80 / 73 | E | 108 | 89 | 79 / 72 | I | 109 | 89 | 79 / 72 | M | 110 | 90 | 80 / 73 |
| B | 109 | 91 | 81 / 74 | F | 109 | 89 | 79 / 71 | J | 109 | 90 | 79 / 72 | N | 109 | 90 | 80 / 73 |
| C | 111 | 93 | 82 / 75 | G | 107 | 89 | 79 / 71 | K | 109 | 90 | 80 / 73 | O | 109 | 90 | 80 / 73 |
| D | 113 | 93 | 81 / 74 | H | 111 | 93 | 82 / 75 | L | 113 | 94 | 83 / 75 | P | 109 | 91 | 80 / 74 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels LwA (dB) | | | | | | | | Overall LwA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 23563 | 34.1 | 3500 | 8.521 | 101 | 109 | 111 | 109 | 98 | 98 | 96 | 94 | 109 | 109 | 35° |
| 8524 | 0.0 | 1750 | 0.546 | 91 | 91 | 92 | 85 | 85 | 81 | 78 | 79 | 90 | 33 | 25° |
| 10400 | 16.3 | 1750 | 1.16 | 88 | 89 | 91 | 83 | 82 | 81 | 79 | 77 | 89 | 31 | 35° |
| 12183 | 20.9 | 1750 | 1.495 | 89 | 90 | 92 | 85 | 85 | 83 | 80 | 77 | 90 | 32 | 40° |
| 16662 | 2.3 | 1750 | 1.658 | 92 | 93 | 94 | 85 | 84 | 82 | 80 | 80 | 91 | 33 | 45° |
| 6707 | 11.1 | 1170 | 0.444 | 80 | 86 | 83 | 81 | 78 | 74 | 70 | 67 | 83 | 20 | 40° |

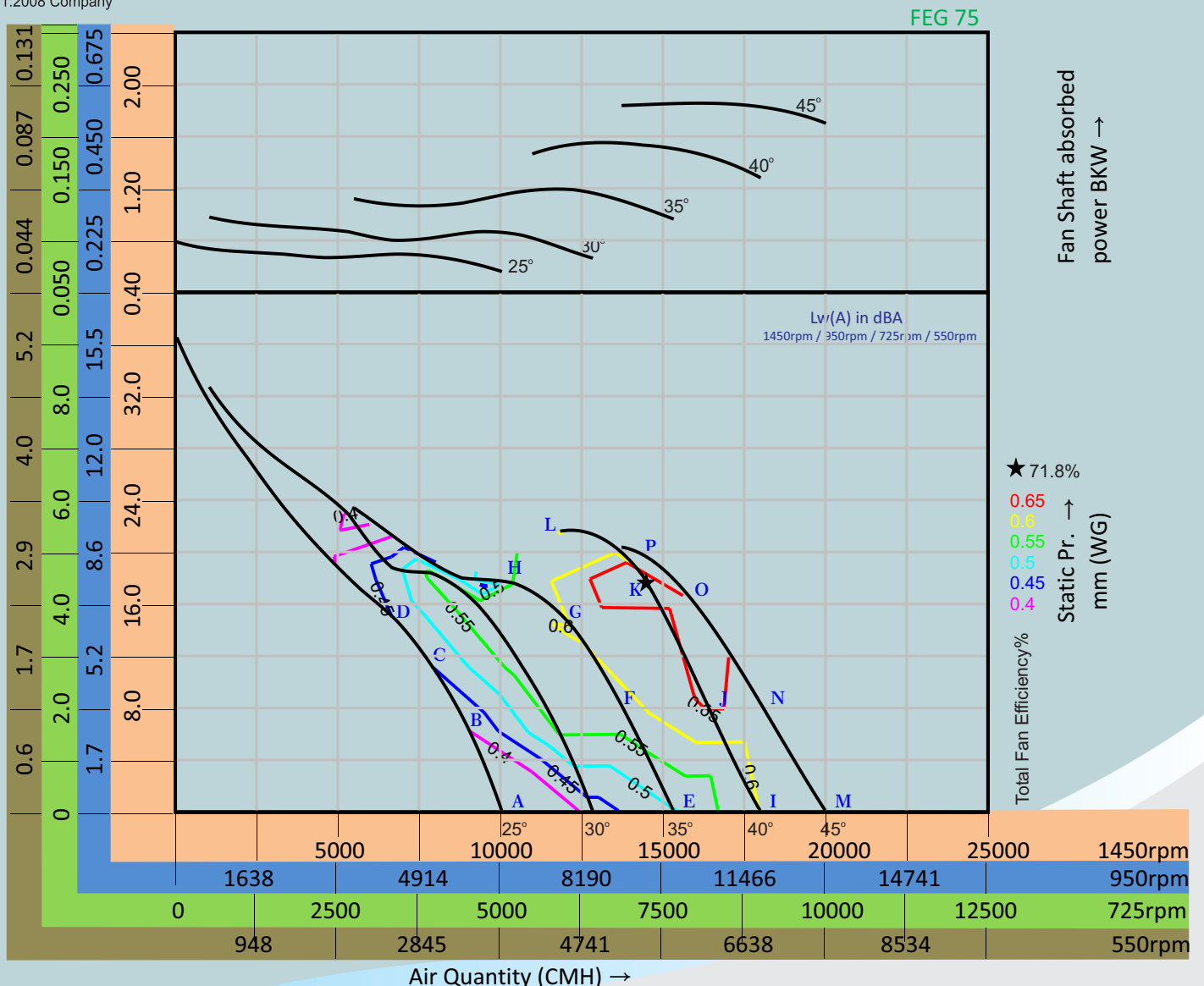
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 630-135-6-AX1

Fan outlet and Inlet area: 0.3119 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-630-135-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | |
|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|
| A | 89 / 78 / 72 / 66 | | | E | 88 / 78 / 71 / 64 | | | I | 88 / 78 / 71 / 64 | | | M | 89 / 79 / 73 / 67 | | |
| B | 90 / 80 / 73 / 67 | | | F | 88 / 77 / 70 / 63 | | | J | 88 / 78 / 71 / 64 | | | N | 89 / 79 / 72 / 67 | | |
| C | 92 / 81 / 74 / 67 | | | G | 87 / 77 / 70 / 64 | | | K | 89 / 78 / 71 / 64 | | | O | 89 / 79 / 73 / 67 | | |
| D | 91 / 80 / 73 / 67 | | | H | 92 / 81 / 73 / 66 | | | L | 92 / 81 / 74 / 66 | | | P | 89 / 79 / 73 / 68 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| 10056 | 0.0 | 1450 | 0.559 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 89 | 32 | 25° |
| 12269 | 14.2 | 1450 | 1.189 | 89 | 90 | 86 | 81 | 82 | 80 | 78 | 76 | 87 | 29 | 35° |
| 14373 | 18.2 | 1450 | 1.533 | 90 | 91 | 88 | 84 | 84 | 81 | 78 | 76 | 89 | 30 | 40° |
| 11834 | 21.6 | 1450 | 1.522 | 90 | 94 | 93 | 90 | 87 | 83 | 79 | 76 | 92 | 35 | 40° |
| 8038 | 6.1 | 950 | 0.334 | 75 | 81 | 73 | 72 | 72 | 70 | 68 | 66 | 77 | 17.5 | 35° |
| 7754 | 9.3 | 950 | 0.428 | 79 | 85 | 81 | 79 | 76 | 72 | 68 | 65 | 81 | 20 | 40° |

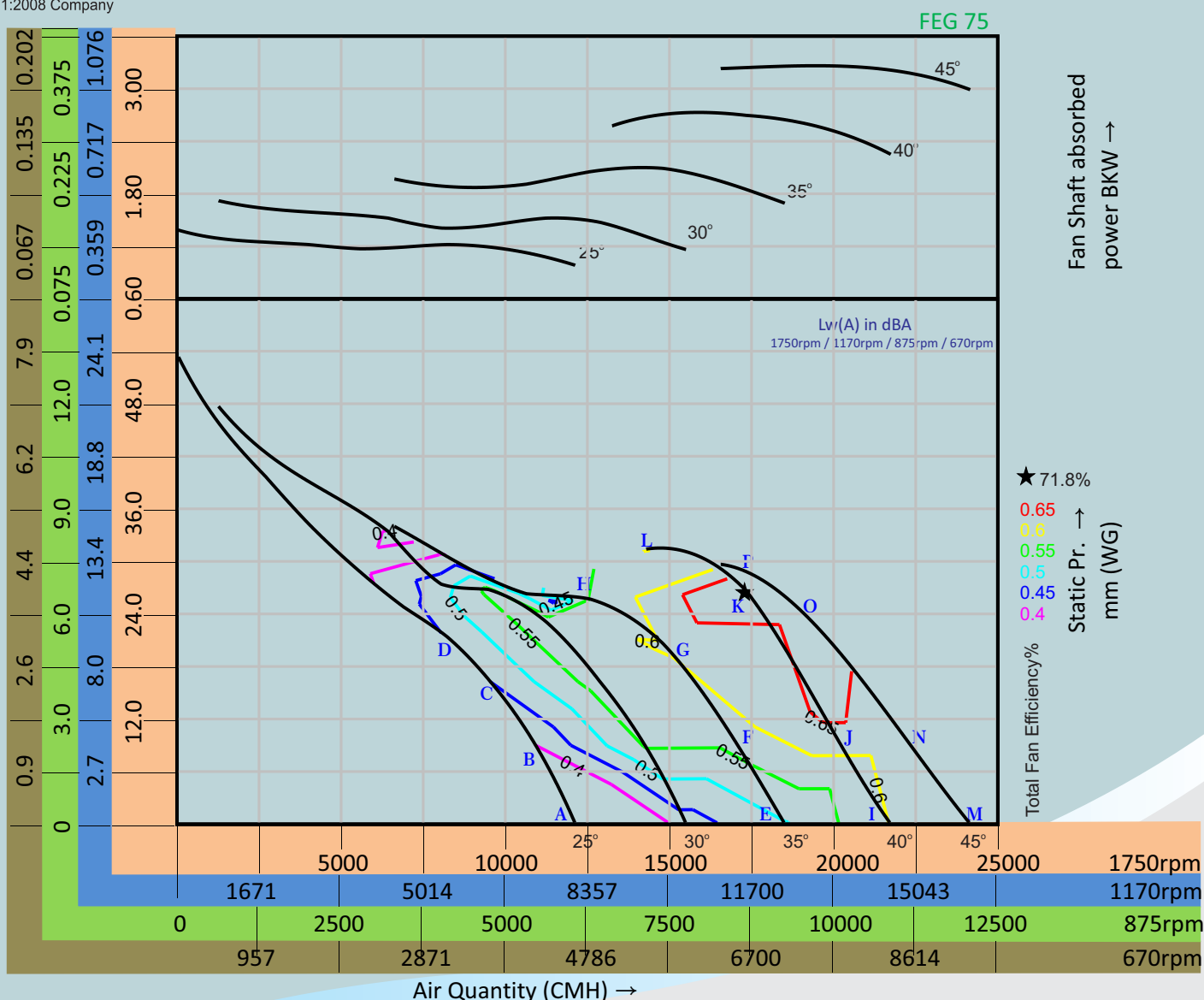
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 630-135-6-AX1

Fan outlet and Inlet area: 0.3119 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-630-135-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| L _w A in dBA 1750/1170/875/670rpm | | | | L _w A in dBA 1750/1170/875/670rpm | | | | L _w A in dBA 1750/1170/875/670rpm | | | | L _w A in dBA 1750/1170/875/670rpm | | | |
|---|-------------------|--|--|---|-------------------|--|--|---|-------------------|--|--|---|-------------------|--|--|
| A | 94 / 83 / 76 / 70 | | | E | 93 / 83 / 75 / 69 | | | I | 93 / 83 / 75 / 69 | | | M | 94 / 84 / 77 / 71 | | |
| B | 95 / 85 / 78 / 71 | | | F | 93 / 82 / 75 / 68 | | | J | 93 / 83 / 75 / 69 | | | N | 94 / 83 / 77 / 71 | | |
| C | 96 / 86 / 79 / 72 | | | G | 92 / 82 / 75 / 69 | | | K | 94 / 84 / 76 / 69 | | | O | 94 / 84 / 77 / 71 | | |
| D | 97 / 85 / 78 / 71 | | | H | 96 / 86 / 78 / 71 | | | L | 98 / 87 / 79 / 72 | | | P | 94 / 84 / 77 / 71 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels L _w i (dB) | | | | | | | | Overall L _w iA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|--|-----|-----|-----|------|------|------|------|------------------------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 12137 | 0.0 | 1750 | 0.983 | 95 | 96 | 96 | 86 | 88 | 85 | 82 | 83 | 94 | 42 | 25° |
| 14807 | 20.7 | 1750 | 2.090 | 92 | 95 | 95 | 83 | 86 | 85 | 83 | 81 | 92 | 39 | 35° |
| 17347 | 26.5 | 1750 | 2.695 | 93 | 96 | 96 | 86 | 88 | 86 | 83 | 81 | 94 | 41 | 40° |
| 23725 | 2.91 | 1750 | 2.988 | 96 | 98 | 98 | 85 | 88 | 86 | 84 | 84 | 94 | 42 | 45° |
| 9549 | 14.1 | 1170 | 0.800 | 84 | 87 | 87 | 81 | 81 | 77 | 74 | 71 | 87 | 26 | 40° |
| 15862 | 1.3 | 1170 | 0.893 | 85 | 81 | 81 | 75 | 78 | 75 | 75 | 76 | 84 | 24 | 45° |

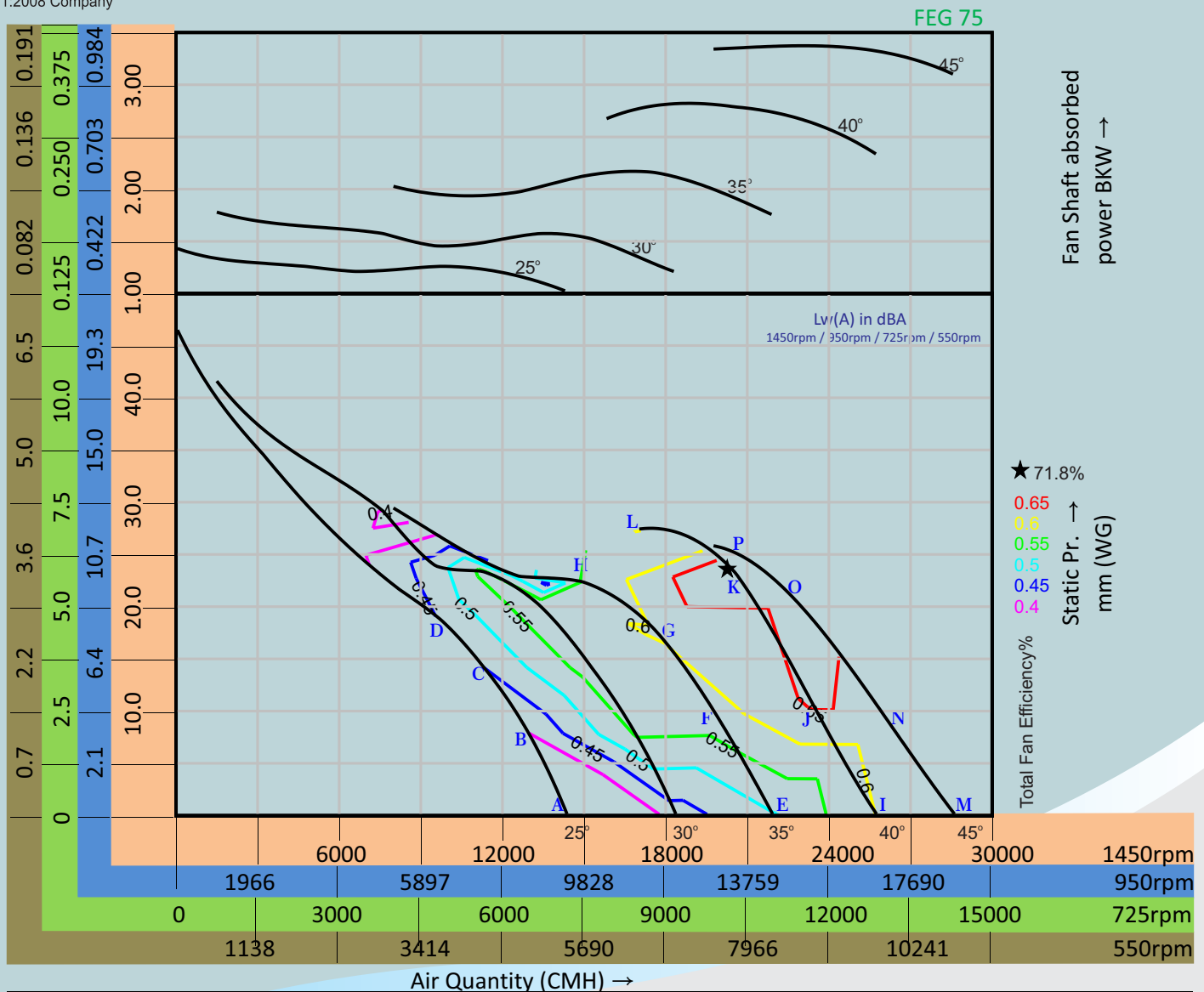
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 710-153-6-AX1

Fan outlet and Inlet area: 0.3961 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-710-153-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | |
|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|
| A | 92 / 82 / 76 / 70 | | | E | 92 / 81 / 74 / 67 | | | I | 92 / 81 / 74 / 68 | | | M | 93 / 83 / 76 / 71 | | |
| B | 94 / 83 / 77 / 70 | | | F | 91 / 81 / 74 / 67 | | | J | 92 / 81 / 74 / 67 | | | N | 92 / 82 / 76 / 71 | | |
| C | 95 / 84 / 78 / 71 | | | G | 91 / 81 / 74 / 67 | | | K | 93 / 82 / 75 / 68 | | | O | 93 / 82 / 76 / 71 | | |
| D | 95 / 84 / 77 / 70 | | | H | 95 / 84 / 77 / 70 | | | L | 96 / 85 / 78 / 70 | | | P | 93 / 83 / 77 / 71 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| 14394 | 0.0 | 1450 | 1.017 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 92 | 41 | 25° |
| 17561 | 18.0 | 1450 | 2.161 | 94 | 94 | 90 | 84 | 86 | 84 | 82 | 80 | 91 | 36 | 35° |
| 20573 | 23.1 | 1450 | 2.787 | 95 | 95 | 92 | 87 | 88 | 85 | 82 | 80 | 93 | 38 | 40° |
| 16939 | 27.4 | 1450 | 2.767 | 95 | 98 | 97 | 93 | 91 | 87 | 83 | 80 | 96 | 45 | 40° |
| 11506 | 7.7 | 950 | 0.608 | 79 | 85 | 77 | 76 | 75 | 73 | 71 | 69 | 81 | 22 | 35° |
| 11098 | 11.8 | 950 | 0.778 | 83 | 89 | 85 | 83 | 79 | 75 | 72 | 69 | 85 | 25 | 40° |

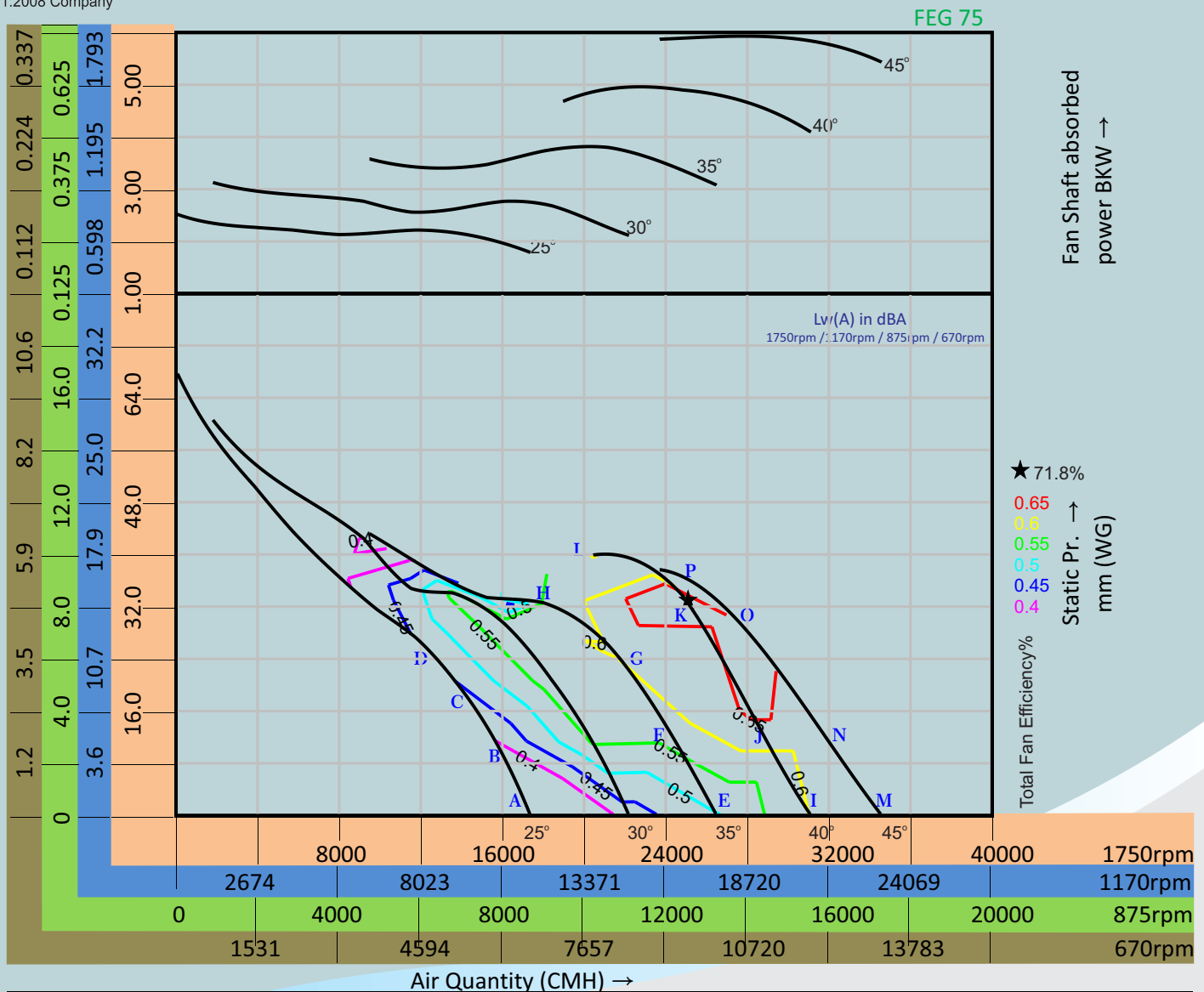
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 710-153-6-AX1

Fan outlet and Inlet area: 0.3961 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-710-153-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | |
|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|----|----|---------|
| A | 97 | 87 | 80 / 74 | E | 97 | 86 | 79 / 72 | I | 97 | 86 | 79 / 72 | M | 98 | 88 | 81 / 75 |
| B | 99 | 89 | 81 / 75 | F | 97 | 86 | 79 / 72 | J | 97 | 87 | 79 / 72 | N | 98 | 87 | 80 / 75 |
| C | 100 | 90 | 82 / 76 | G | 96 | 86 | 79 / 72 | K | 98 | 87 | 80 / 73 | O | 98 | 87 | 81 / 75 |
| D | 100 | 89 | 81 / 75 | H | 100 | 90 | 82 / 75 | L | 101 | 90 | 83 / 75 | P | 98 | 88 | 81 / 75 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| 17372 | 0.0 | 1750 | 1.788 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 97 | 54 | 25° |
| 21195 | 26.3 | 1750 | 3.799 | 97 | 97 | 98 | 90 | 90 | 89 | 87 | 84 | 96 | 49 | 35° |
| 24830 | 33.7 | 1750 | 4.899 | 98 | 98 | 100 | 93 | 92 | 90 | 87 | 84 | 98 | 52 | 40° |
| 20444 | 39.9 | 1750 | 4.864 | 98 | 101 | 104 | 99 | 96 | 92 | 88 | 85 | 101 | 64 | 40° |
| 13668 | 17.9 | 1170 | 1.454 | 89 | 94 | 91 | 88 | 85 | 81 | 77 | 74 | 90 | 32 | 40° |
| 22704 | 1.7 | 1170 | 1.623 | 90 | 94 | 85 | 82 | 82 | 79 | 79 | 80 | 88 | 30 | 45° |

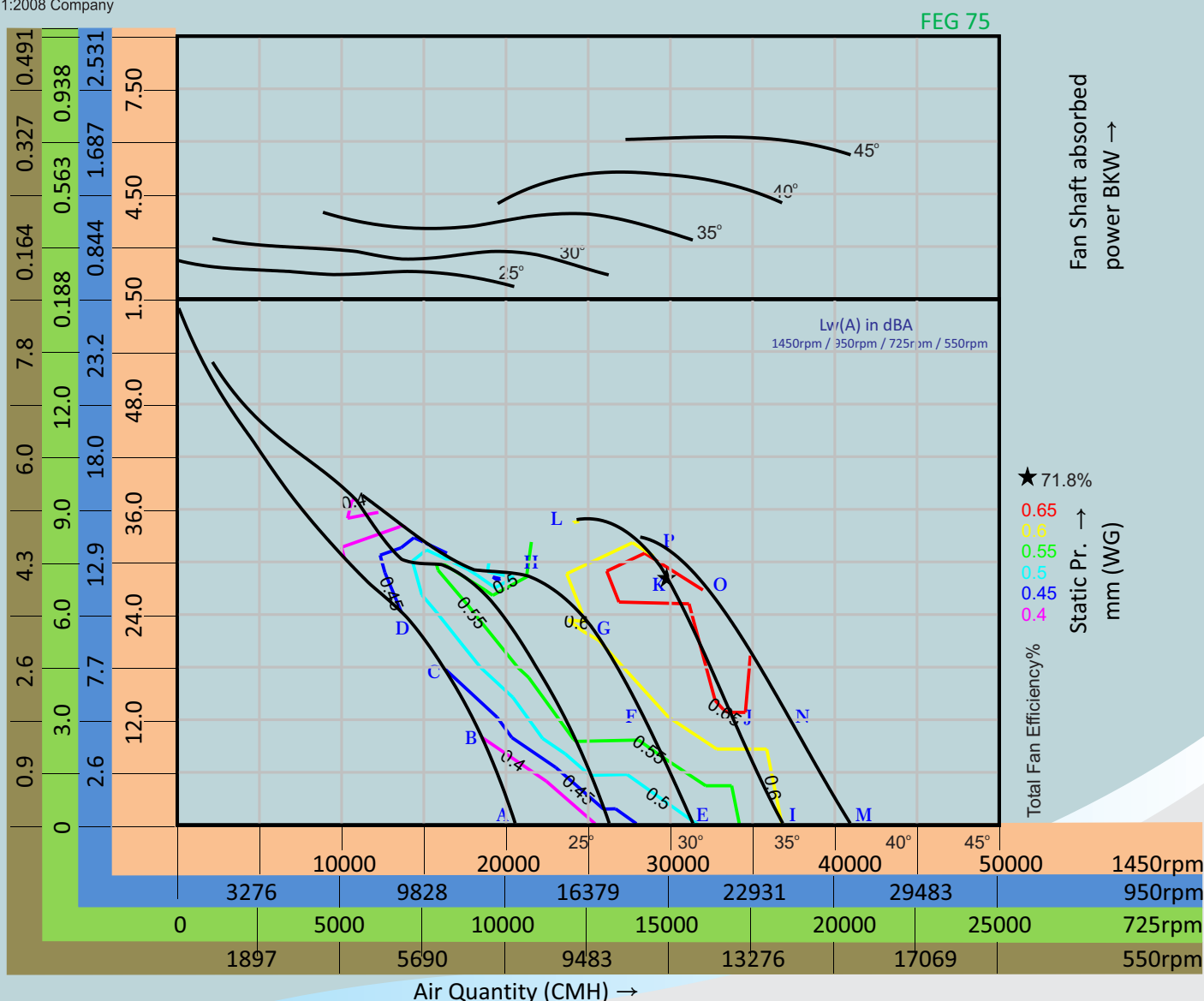
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 800-172-6-AX1

Fan outlet and Inlet area: 0.5029 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-800-172-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | |
|-----------------------------------|-------------------|--|--|-----------------------------------|-------------------|--|--|-----------------------------------|--------------------|--|--|-----------------------------------|-------------------|--|--|
| A | 96 / 86 / 81 / 73 | | | E | 95 / 85 / 79 / 71 | | | I | 95 / 85 / 79 / 71 | | | M | 96 / 86 / 80 / 75 | | |
| B | 98 / 87 / 82 / 74 | | | F | 95 / 85 / 79 / 71 | | | J | 95 / 85 / 79 / 71 | | | N | 96 / 86 / 80 / 75 | | |
| C | 99 / 88 / 82 / 75 | | | G | 95 / 85 / 79 / 71 | | | K | 96 / 86 / 80 / 72 | | | O | 96 / 86 / 80 / 75 | | |
| D | 98 / 87 / 81 / 74 | | | H | 99 / 88 / 82 / 74 | | | L | 100 / 89 / 82 / 74 | | | P | 97 / 87 / 80 / 75 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels LwA (dB) | | | | | | | | Overall LwA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 20591 | 0.0 | 1450 | 1.847 | 101 | 100 | 94 | 91 | 92 | 87 | 84 | 86 | 96 | 52 | 25° |
| 25122 | 22.9 | 1450 | 3.924 | 98 | 98 | 94 | 88 | 90 | 88 | 85 | 83 | 95 | 46 | 35° |
| 29431 | 29.3 | 1450 | 5.061 | 99 | 99 | 96 | 91 | 92 | 89 | 85 | 83 | 96 | 49 | 40° |
| 24232 | 34.8 | 1450 | 5.025 | 99 | 102 | 101 | 97 | 95 | 91 | 86 | 83 | 100 | 57 | 40° |
| 16459 | 9.8 | 950 | 1.104 | 84 | 89 | 81 | 80 | 79 | 77 | 75 | 73 | 85 | 27 | 35° |
| 15876 | 14.9 | 950 | 1.413 | 88 | 94 | 89 | 86 | 83 | 79 | 75 | 72 | 89 | 31 | 40° |

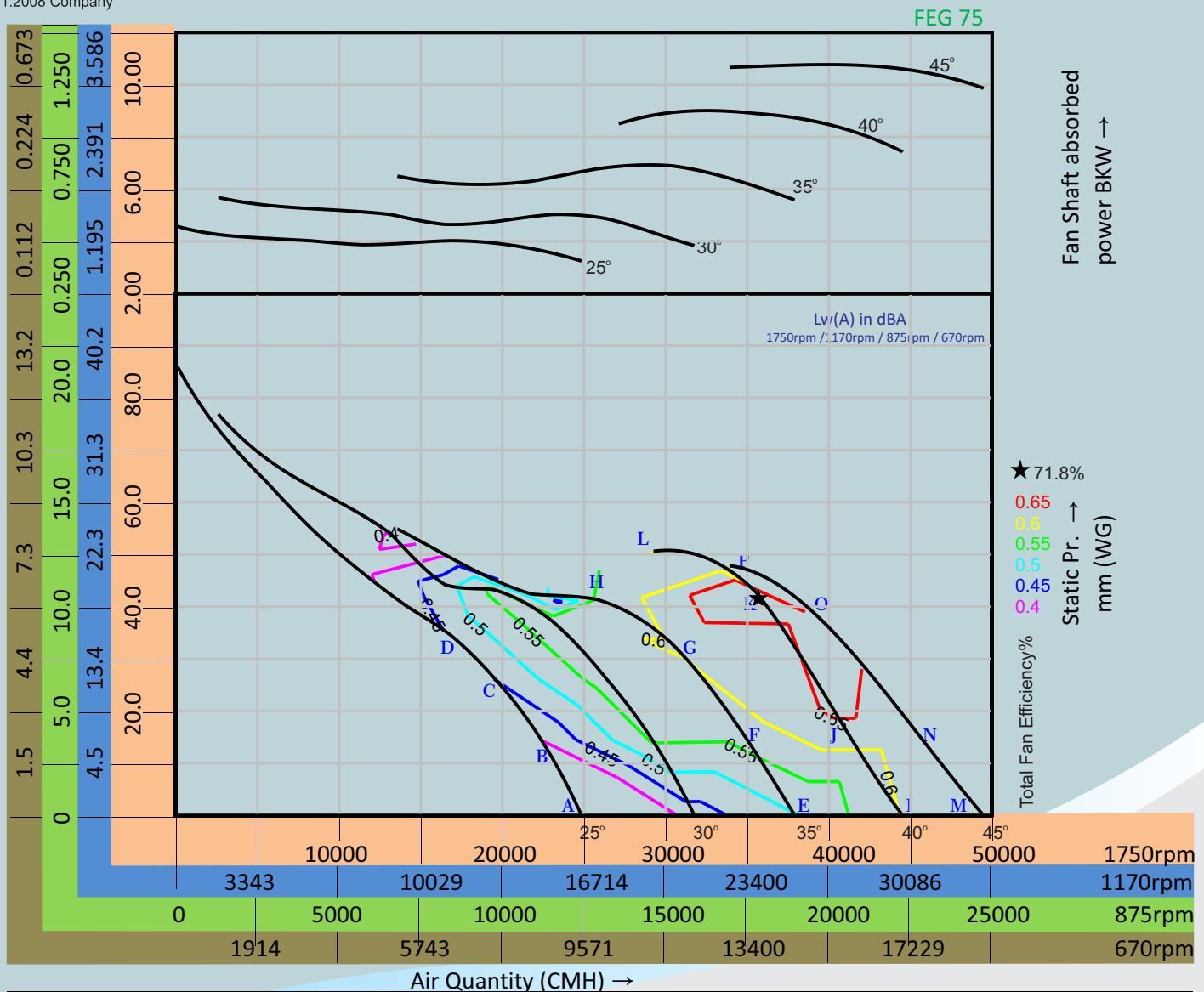
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 800-172-6-AX1

Fan outlet and Inlet area: 0.5029 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-800-172-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | |
|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|------------------------------------|-----|----|---------|
| A | 101 | 91 | 84 / 78 | E | 101 | 90 | 83 / 76 | I | 101 | 90 | 83 / 76 | M | 102 | 91 | 84 / 79 |
| B | 102 | 92 | 85 / 79 | F | 101 | 90 | 82 / 76 | J | 101 | 90 | 83 / 76 | N | 101 | 91 | 84 / 78 |
| C | 104 | 93 | 86 / 80 | G | 100 | 90 | 82 / 76 | K | 102 | 91 | 84 / 77 | O | 102 | 91 | 84 / 78 |
| D | 104 | 93 | 85 / 78 | H | 104 | 93 | 86 / 79 | L | 105 | 94 | 86 / 79 | P | 102 | 91 | 85 / 79 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 24852 | 0.0 | 1750 | 3.247 | 104 | 103 | 104 | 96 | 96 | 92 | 89 | 90 | 101 | 70 | 25° |
| 30320 | 33.3 | 1750 | 6.899 | 101 | 101 | 102 | 94 | 93 | 92 | 90 | 88 | 100 | 63 | 35° |
| 35520 | 42.7 | 1750 | 8.897 | 102 | 102 | 104 | 97 | 96 | 94 | 90 | 88 | 102 | 67 | 40° |
| 48580 | 4.7 | 1750 | 9.865 | 105 | 105 | 106 | 96 | 95 | 93 | 91 | 91 | 102 | 70 | 45° |
| 19553 | 22.7 | 1170 | 2.640 | 93 | 98 | 95 | 92 | 89 | 85 | 81 | 78 | 94 | 41 | 40° |
| 32480 | 2.1 | 1170 | 2.948 | 94 | 98 | 89 | 86 | 86 | 83 | 82 | 83 | 92 | 38 | 45° |

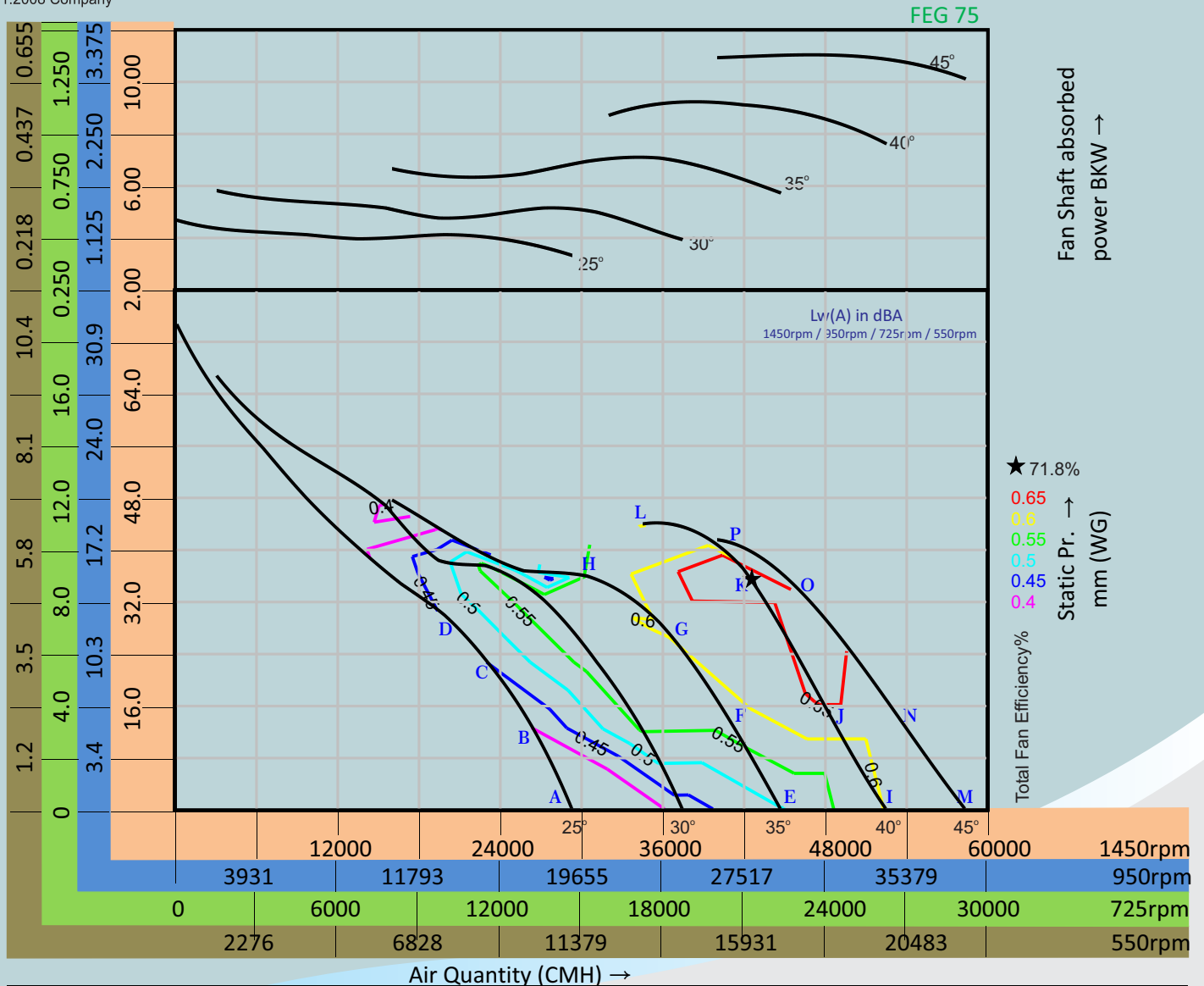
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 900-194-6-AX1

Fan outlet and Inlet area: 0.6364 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-900-194-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | |
|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|
| A | 100 / 90 / 83 / 77 | | | | E | 99 / 89 / 82 / 75 | | | | I | 99 / 89 / 82 / 75 | | | | M | 100 / 90 / 84 / 78 | | | |
| B | 101 / 91 / 84 / 78 | | | | F | 99 / 88 / 81 / 75 | | | | J | 99 / 89 / 82 / 75 | | | | N | 100 / 90 / 83 / 78 | | | |
| C | 103 / 92 / 85 / 78 | | | | G | 99 / 88 / 81 / 75 | | | | K | 100 / 89 / 83 / 75 | | | | O | 100 / 90 / 84 / 78 | | | |
| D | 102 / 91 / 84 / 78 | | | | H | 103 / 92 / 85 / 77 | | | | L | 103 / 92 / 85 / 77 | | | | P | 100 / 90 / 84 / 79 | | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|-------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 29318 | 0.0 | 1450 | 3.328 | 105 | 104 | 97 | 96 | 95 | 90 | 88 | 90 | 100 | 67 | 25 ° |
| 35770 | 29.0 | 1450 | 7.072 | 102 | 102 | 97 | 94 | 93 | 91 | 89 | 87 | 99 | 59 | 35 ° |
| 41904 | 37.1 | 1450 | 9.12 | 103 | 103 | 99 | 97 | 95 | 92 | 89 | 87 | 100 | 62 | 40 ° |
| 34502 | 44.1 | 1450 | 9.056 | 103 | 106 | 104 | 96 | 98 | 94 | 90 | 87 | 103 | 74 | 40 ° |
| 23435 | 12.4 | 950 | 1.989 | 88 | 93 | 85 | 92 | 83 | 81 | 79 | 77 | 88 | 34 | 35 ° |
| 22605 | 18.9 | 950 | 2.547 | 92 | 98 | 93 | 86 | 87 | 82 | 79 | 76 | 92 | 39 | 40 ° |

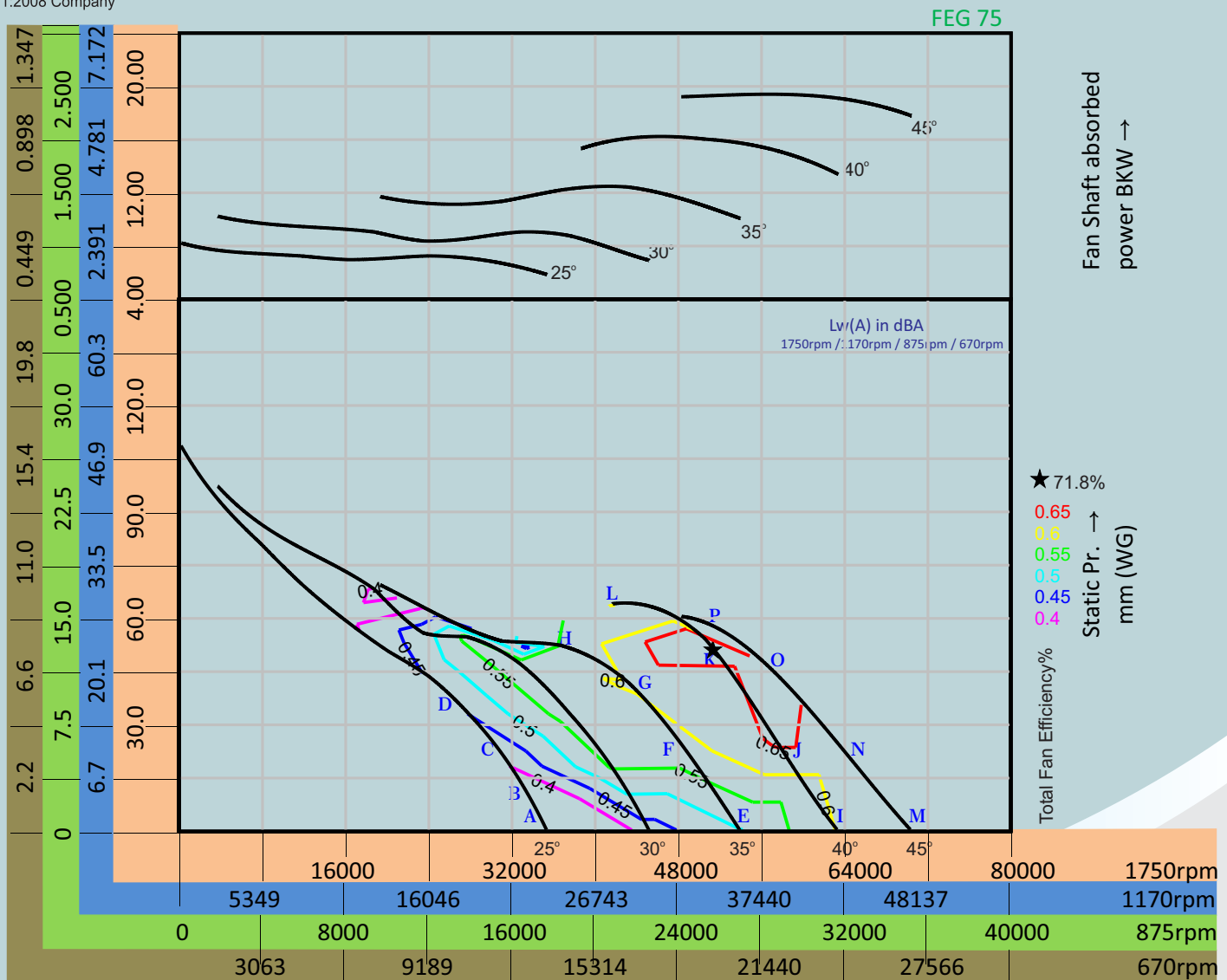
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 900-194-6-AX1

Fan outlet and Inlet area: 0.6364 sq. mtr.

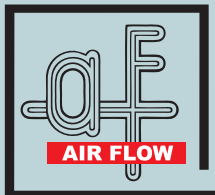


Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-900-194-6-AX1 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | |
|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|------------------------------------|--------------------|--|--|
| A | 105 / 95 / 87 / 81 | | | E | 104 / 94 / 86 / 80 | | | I | 104 / 94 / 86 / 80 | | | M | 105 / 95 / 88 / 82 | | |
| B | 106 / 96 / 89 / 82 | | | F | 104 / 94 / 86 / 79 | | | J | 105 / 94 / 86 / 80 | | | N | 105 / 95 / 88 / 82 | | |
| C | 107 / 97 / 90 / 83 | | | G | 104 / 93 / 86 / 80 | | | K | 105 / 95 / 87 / 80 | | | O | 105 / 95 / 88 / 82 | | |
| D | 108 / 97 / 89 / 82 | | | H | 108 / 97 / 89 / 82 | | | L | 109 / 98 / 90 / 83 | | | P | 105 / 95 / 88 / 82 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 35384 | 0.0 | 1750 | 5.851 | 109 | 107 | 107 | 100 | 99 | 96 | 93 | 94 | 105 | 91 | 25 ° |
| 43170 | 42.2 | 1750 | 12.432 | 106 | 105 | 106 | 97 | 97 | 96 | 94 | 92 | 103 | 82 | 35 ° |
| 50574 | 54.1 | 1750 | 16.033 | 107 | 106 | 108 | 100 | 99 | 97 | 94 | 92 | 105 | 88 | 40 ° |
| 23657 | 0.0 | 1170 | 1.748 | 97 | 100 | 92 | 90 | 89 | 85 | 84 | 86 | 95 | 50 | 25 ° |
| 27840 | 28.7 | 1170 | 4.758 | 97 | 102 | 99 | 95 | 92 | 88 | 84 | 81 | 98 | 52 | 40 ° |
| 46244 | 2.7 | 1170 | 5.312 | 99 | 102 | 93 | 90 | 89 | 86 | 86 | 87 | 95 | 48 | 45 ° |

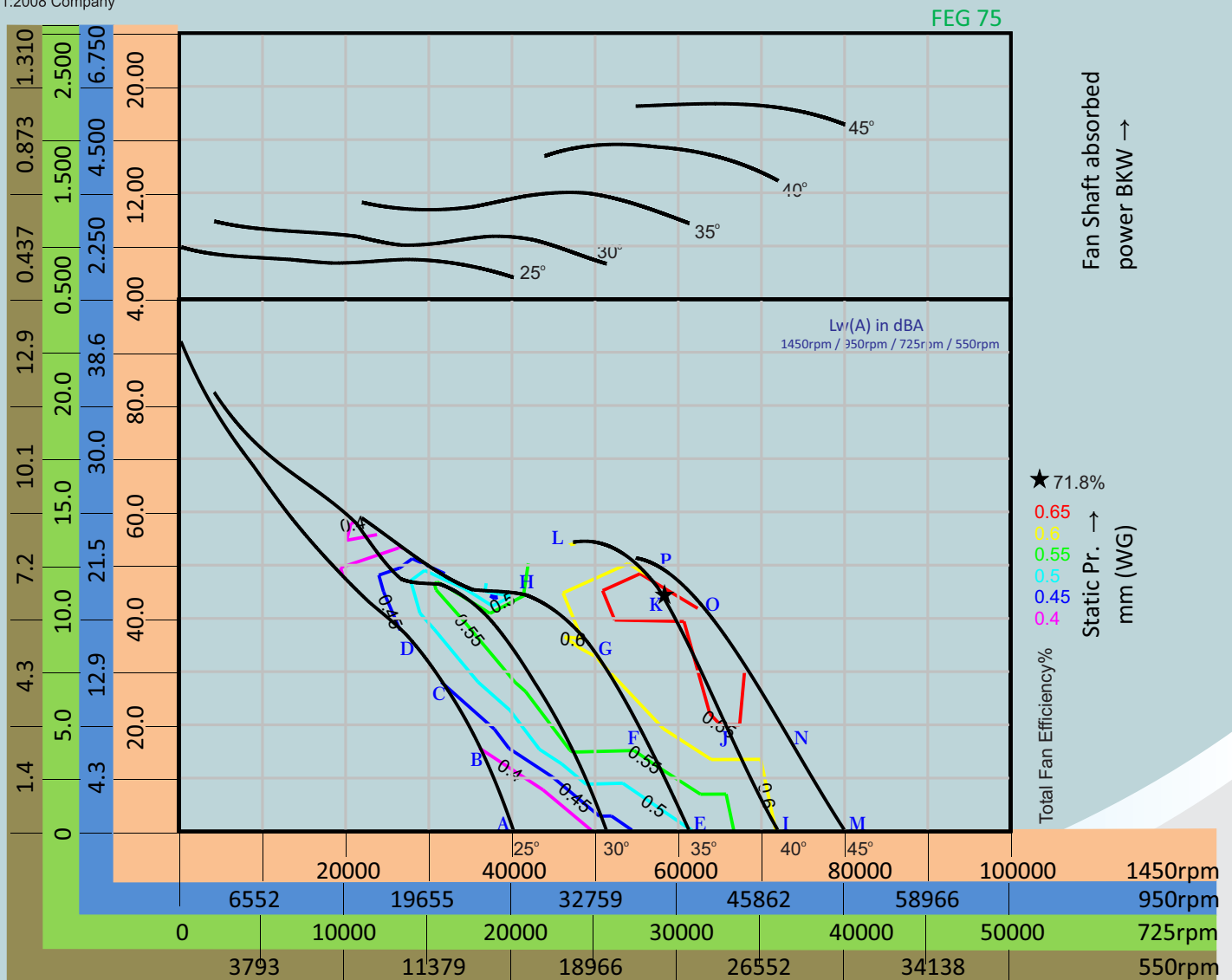
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1000-214-6-AX1

Fan outlet and Inlet area: 0.7857 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1000-214-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm |
|---|-----------------------------------|---|-----------------------------------|---|-----------------------------------|---|-----------------------------------|
| A | 103 / 93 / 86 / 80 | E | 102 / 92 / 85 / 78 | I | 102 / 92 / 85 / 78 | M | 103 / 93 / 87 / 82 |
| B | 104 / 94 / 87 / 81 | F | 102 / 92 / 85 / 78 | J | 102 / 92 / 85 / 78 | N | 103 / 93 / 87 / 81 |
| C | 106 / 95 / 88 / 82 | G | 102 / 91 / 85 / 78 | K | 103 / 93 / 86 / 79 | O | 103 / 93 / 87 / 82 |
| D | 105 / 94 / 87 / 81 | H | 106 / 95 / 88 / 80 | L | 107 / 96 / 88 / 81 | P | 104 / 93 / 87 / 82 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 40217 | 0.0 | 1450 | 5.636 | 109 | 108 | 101 | 98 | 99 | 93 | 91 | 93 | 103 | 84 | 25° |
| 49067 | 35.8 | 1450 | 11.976 | 106 | 106 | 101 | 95 | 97 | 94 | 92 | 90 | 102 | 74 | 35° |
| 57481 | 45.8 | 1450 | 15.445 | 107 | 107 | 103 | 98 | 99 | 95 | 92 | 90 | 103 | 79 | 40° |
| 78617 | 5.0 | 1450 | 17.125 | 110 | 110 | 103 | 97 | 99 | 94 | 93 | 94 | 104 | 80 | 45° |
| 32147 | 15.4 | 950 | 3.368 | 92 | 97 | 88 | 87 | 86 | 84 | 82 | 80 | 92 | 42 | 35° |
| 31008 | 23.4 | 950 | 4.313 | 96 | 101 | 96 | 93 | 90 | 86 | 82 | 79 | 96 | 49 | 40° |

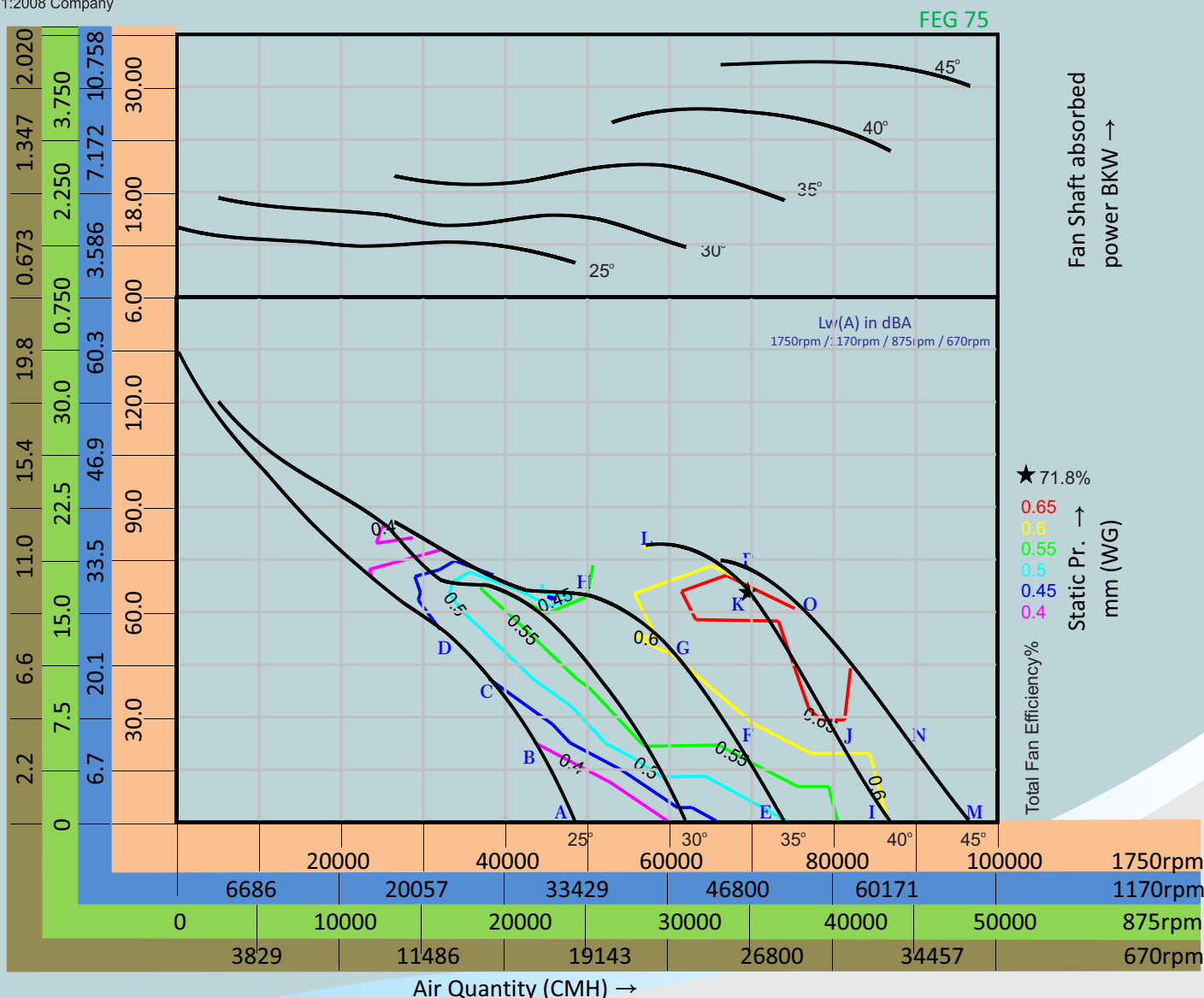
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1000-214-6-AX1

Fan outlet and Inlet area: 0.7857 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1000-214-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | |
|------------------------------------|---------------------|--|--|------------------------------------|---------------------|--|--|------------------------------------|---------------------|--|--|------------------------------------|--------------------|--|--|
| A | 108 / 98 / 91 / 85 | | | E | 108 / 97 / 90 / 83 | | | I | 108 / 97 / 90 / 83 | | | M | 109 / 98 / 91 / 85 | | |
| B | 109 / 99 / 93 / 86 | | | F | 108 / 97 / 90 / 83 | | | J | 108 / 97 / 90 / 83 | | | N | 108 / 98 / 91 / 85 | | |
| C | 111 / 100 / 93 / 86 | | | G | 107 / 97 / 90 / 83 | | | K | 108 / 98 / 91 / 84 | | | O | 108 / 98 / 91 / 85 | | |
| D | 111 / 100 / 93 / 85 | | | H | 111 / 100 / 93 / 86 | | | L | 112 / 101 / 94 / 86 | | | P | 109 / 98 / 91 / 86 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 59218 | 52.1 | 1750 | 21.054 | 110 | 109 | 110 | 101 | 100 | 99 | 97 | 95 | 107 | 104 | 35 ° |
| 32451 | 0.0 | 1170 | 2.961 | 101 | 104 | 95 | 94 | 92 | 88 | 87 | 89 | 98 | 63 | 25 ° |
| 39592 | 23.3 | 1170 | 6.292 | 98 | 102 | 94 | 91 | 91 | 89 | 87 | 85 | 97 | 55 | 35 ° |
| 46382 | 29.8 | 1170 | 8.114 | 99 | 103 | 97 | 94 | 93 | 90 | 87 | 85 | 98 | 58 | 40 ° |
| 38189 | 35.4 | 1170 | 8.057 | 101 | 106 | 102 | 99 | 96 | 91 | 88 | 85 | 101 | 65 | 40 ° |
| 28560 | 19.8 | 875 | 3.37 | 95 | 98 | 94 | 91 | 87 | 83 | 80 | 84 | 94 | 43 | 40 ° |

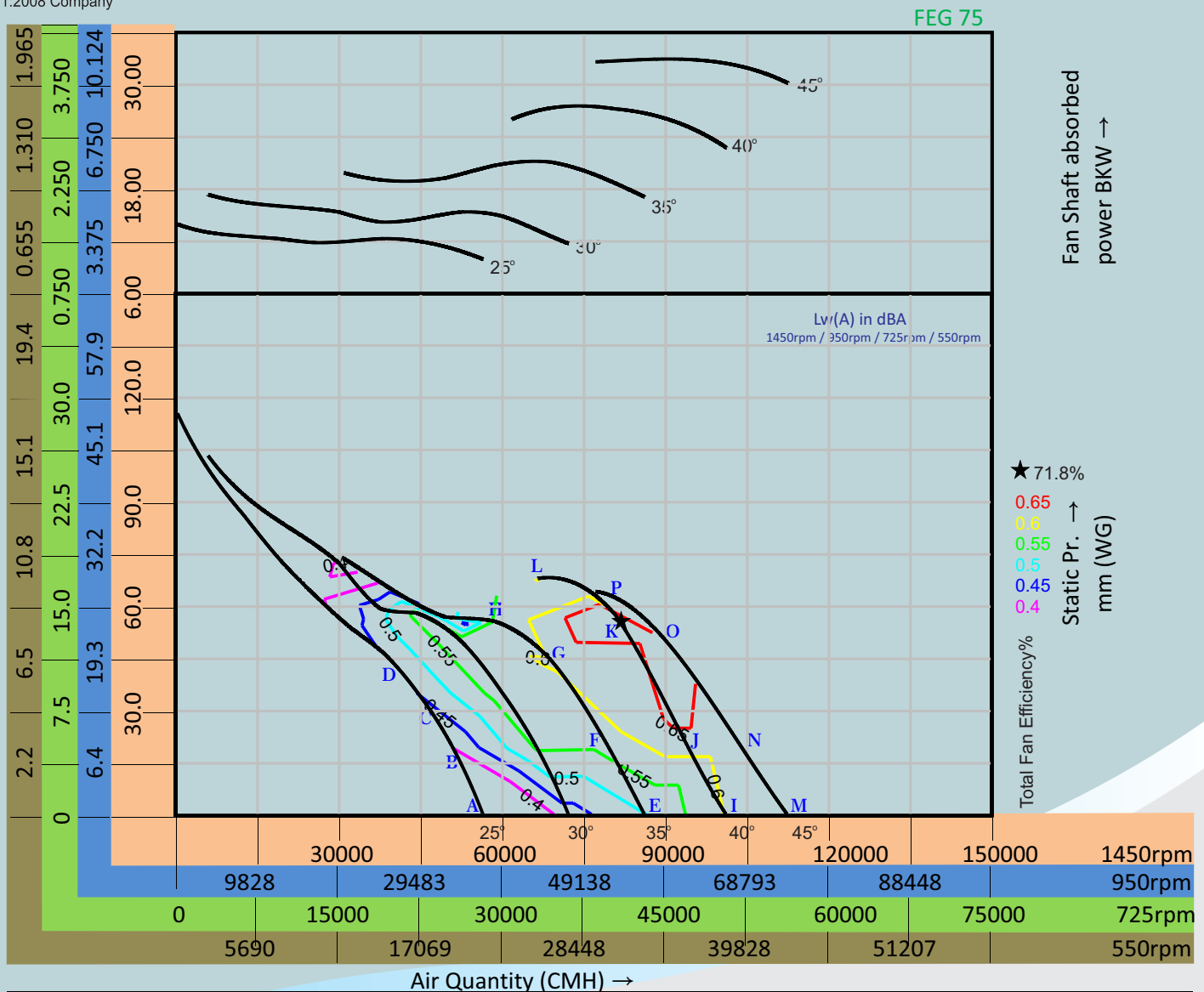
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1120-240-6-AX1

Fan outlet and Inlet area: 0.9856 sq. mtr.



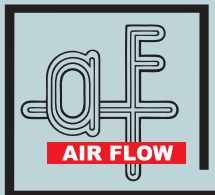
Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1120-240-6-AX1 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance certified is for installation type B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | |
|-----------------------------------|-----|----|---------|-----------------------------------|-----|----|---------|-----------------------------------|-----|----|---------|-----------------------------------|-----|----|---------|
| A | 106 | 96 | 90 / 84 | E | 106 | 95 | 88 / 81 | I | 106 | 96 | 88 / 82 | M | 107 | 97 | 90 / 85 |
| B | 108 | 98 | 91 / 84 | F | 106 | 95 | 88 / 81 | J | 106 | 96 | 88 / 81 | N | 107 | 96 | 90 / 85 |
| C | 109 | 99 | 92 / 85 | G | 105 | 95 | 88 / 81 | K | 107 | 96 | 89 / 82 | O | 107 | 97 | 90 / 85 |
| D | 109 | 98 | 91 / 84 | H | 109 | 98 | 91 / 84 | L | 110 | 99 | 92 / 84 | P | 107 | 97 | 91 / 85 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 68935 | 44.9 | 1450 | 21.107 | 110 | 110 | 104 | 99 | 100 | 98 | 96 | 94 | 105 | 95 | 35 ° |
| 37019 | 0.0 | 950 | 2.793 | 98 | 102 | 93 | 93 | 90 | 86 | 87 | 89 | 96 | 61 | 25 ° |
| 45164 | 19.3 | 950 | 5.936 | 96 | 101 | 92 | 90 | 89 | 87 | 85 | 83 | 95 | 53 | 35 ° |
| 52910 | 24.7 | 950 | 7.655 | 97 | 102 | 94 | 93 | 91 | 88 | 85 | 83 | 96 | 55 | 40 ° |
| 72364 | 2.7 | 950 | 8.488 | 100 | 104 | 94 | 92 | 90 | 88 | 88 | 89 | 97 | 58 | 45 ° |
| 33246 | 17.1 | 725 | 3.379 | 96 | 95 | 92 | 90 | 86 | 82 | 79 | 76 | 92 | 43 | 40 ° |

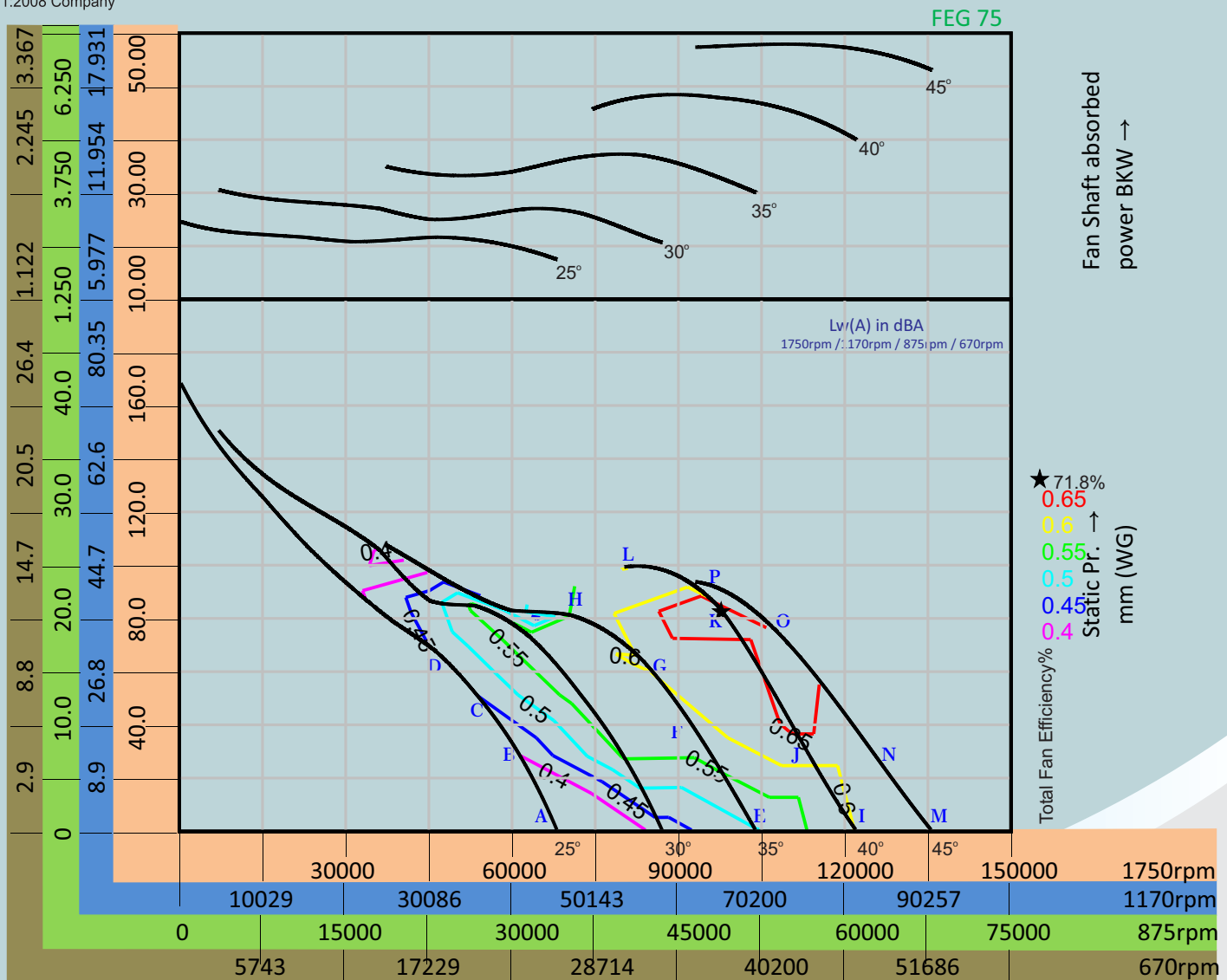
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1120-240-6-AX1

Fan outlet and Inlet area: 0.9856 sq. mtr.



Air Quantity (CMH) →



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1120-240-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1750/1170/875/670rpm | | LwA in dBA 1750/1170/875/670rpm | | LwA in dBA 1750/1170/875/670rpm | | LwA in dBA 1750/1170/875/670rpm |
|---|------------------------------------|---|------------------------------------|---|------------------------------------|---|------------------------------------|
| A | 112 / 101 / 94 / 88 | E | 111 / 101 / 93 / 86 | I | 111 / 101 / 93 / 87 | M | 112 / 102 / 95 / 89 |
| B | 113 / 103 / 95 / 89 | F | 111 / 100 / 93 / 86 | J | 111 / 101 / 93 / 86 | N | 112 / 101 / 94 / 89 |
| C | 114 / 104 / 96 / 90 | G | 110 / 100 / 93 / 86 | K | 112 / 101 / 94 / 87 | O | 112 / 102 / 95 / 89 |
| D | 115 / 103 / 96 / 89 | H | 114 / 104 / 96 / 89 | L | 116 / 105 / 97 / 90 | P | 112 / 102 / 95 / 89 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 45592 | 0.0 | 1170 | 5.218 | 105 | 108 | 99 | 97 | 96 | 91 | 91 | 93 | 101 | 80 | 25° |
| 55624 | 29.2 | 1170 | 11.089 | 103 | 106 | 98 | 94 | 95 | 92 | 90 | 88 | 100 | 70 | 35° |
| 65163 | 37.4 | 1170 | 14.300 | 104 | 107 | 100 | 97 | 96 | 93 | 90 | 88 | 101 | 74 | 40° |
| 89123 | 4.1 | 1170 | 15.855 | 107 | 110 | 100 | 96 | 96 | 93 | 92 | 93 | 102 | 78 | 45° |
| 41599 | 16.3 | 875 | 4.638 | 95 | 97 | 89 | 89 | 87 | 85 | 83 | 81 | 93 | 47 | 35° |
| 40125 | 24.8 | 875 | 5.939 | 99 | 102 | 98 | 95 | 91 | 87 | 84 | 81 | 97 | 55 | 40° |

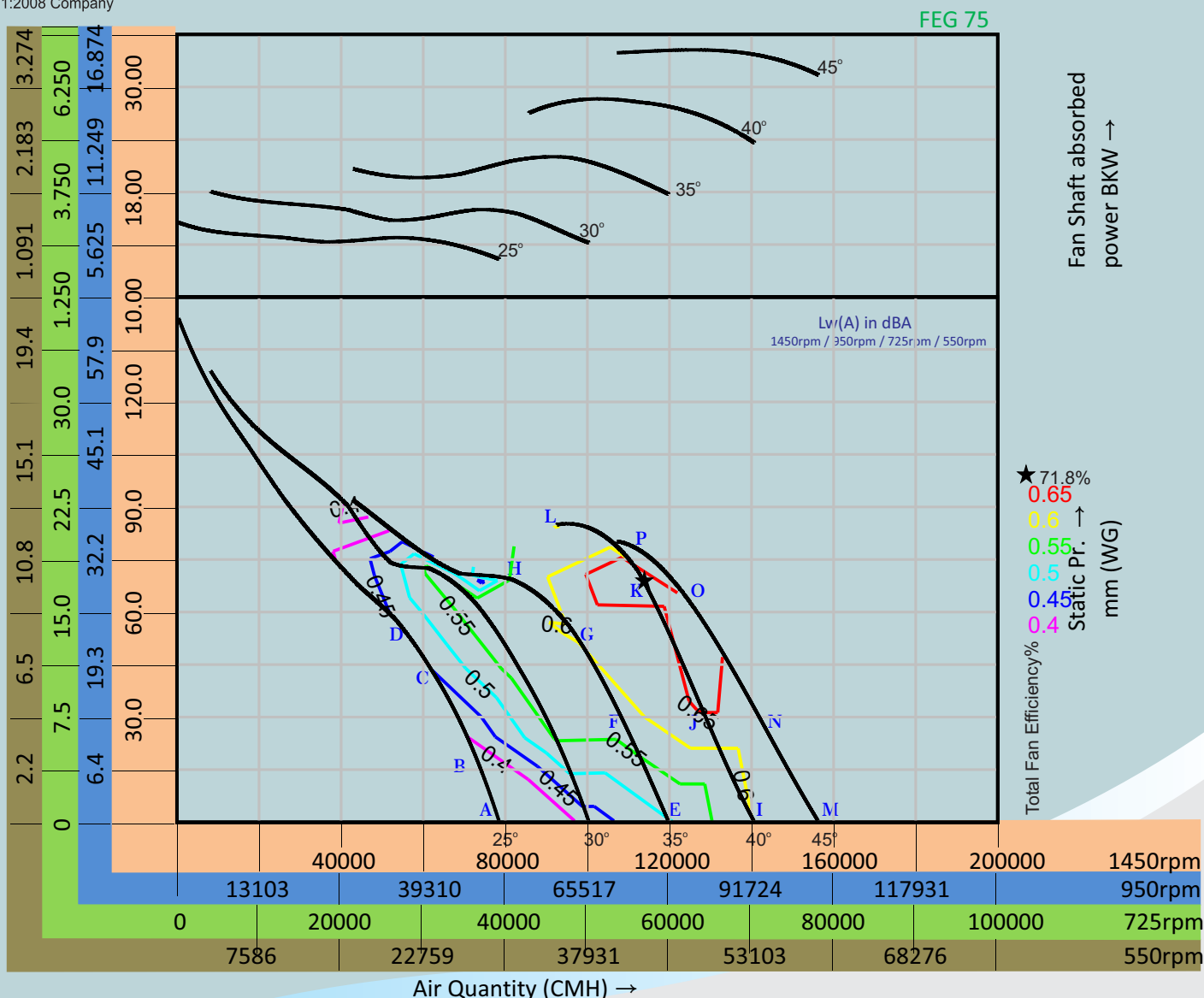
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1250-269-6-AX1

Fan outlet and Inlet area: 1.2277 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1250-269-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | | LwA in dBA 1450/950/725/550rpm | | | |
|-----------------------------------|-----|-----|---------|-----------------------------------|-----|-----|---------|-----------------------------------|-----|-----|---------|-----------------------------------|-----|-----|---------|
| A | 110 | 100 | 93 / 87 | E | 109 | 99 | 92 / 85 | I | 109 | 99 | 92 / 85 | M | 110 | 100 | 94 / 88 |
| B | 111 | 101 | 94 / 88 | F | 109 | 99 | 91 / 85 | J | 109 | 99 | 92 / 85 | N | 110 | 100 | 93 / 88 |
| C | 113 | 102 | 95 / 88 | G | 109 | 98 | 92 / 85 | K | 110 | 100 | 93 / 86 | O | 110 | 100 | 94 / 88 |
| D | 112 | 101 | 94 / 88 | H | 113 | 102 | 95 / 87 | L | 114 | 103 | 95 / 88 | P | 110 | 100 | 94 / 89 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|------|--------|-----------------------------|-----|-----|-----|-----|-----|----|----|-----------------------|----------------------|----------------|
| 95833 | 55.9 | 1450 | 36.549 | 114 | 113 | 108 | 102 | 103 | 101 | 99 | 97 | 109 | 122 | 35° |
| 51463 | 0.0 | 950 | 4.837 | 102 | 106 | 97 | 96 | 93 | 90 | 90 | 92 | 100 | 77 | 25° |
| 62787 | 24.0 | 950 | 10.279 | 100 | 104 | 95 | 94 | 93 | 91 | 89 | 87 | 98 | 67 | 35° |
| 73555 | 30.7 | 950 | 13.256 | 101 | 105 | 98 | 96 | 94 | 91 | 89 | 87 | 100 | 70 | 40° |
| 100096 | 3.4 | 950 | 14.697 | 104 | 108 | 97 | 96 | 94 | 91 | 91 | 92 | 100 | 74 | 45° |
| 46219 | 21.3 | 725 | 5.85 | 99 | 99 | 96 | 93 | 89 | 85 | 82 | 79 | 95 | 53 | 40° |

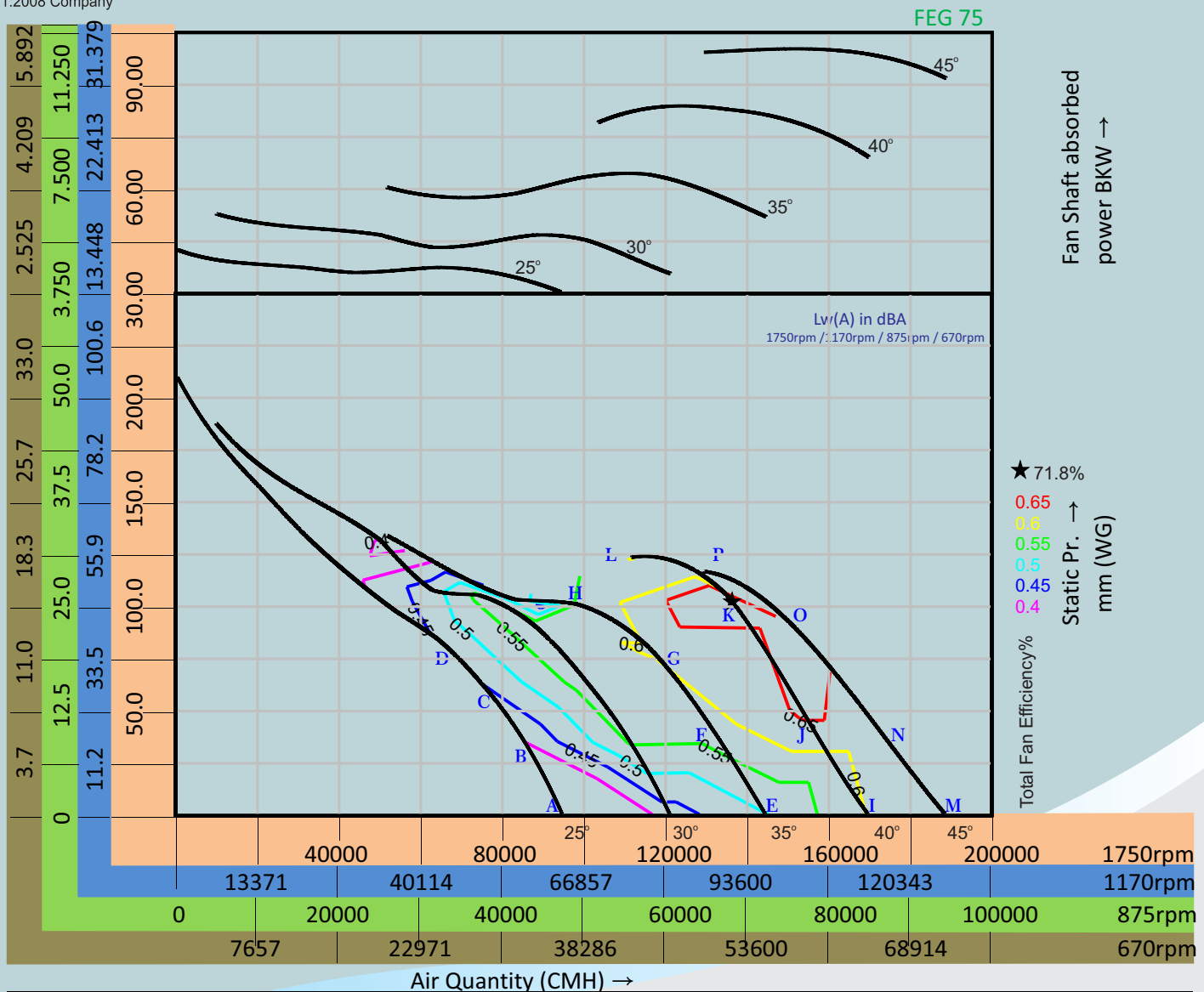
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1250-269-6-AX1

Fan outlet and Inlet area: 1.2277 sq. mtr.

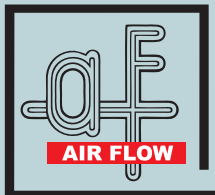


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| | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | | | LwA in dBA 1750/1170/875/670rpm | | |
|---|------------------------------------|--|--|---|------------------------------------|--|--|---|------------------------------------|--|--|---|------------------------------------|--|--|
| A | 115 / 105 / 98 / 91 | | | E | 114 / 104 / 97 / 90 | | | I | 115 / 104 / 97 / 90 | | | M | 116 / 105 / 98 / 92 | | |
| B | 116 / 106 / 99 / 92 | | | F | 115 / 104 / 96 / 89 | | | J | 115 / 104 / 97 / 90 | | | N | 115 / 105 / 98 / 92 | | |
| C | 118 / 107 / 100 / 93 | | | G | 114 / 103 / 96 / 90 | | | K | 115 / 105 / 97 / 91 | | | O | 115 / 105 / 98 / 92 | | |
| D | 118 / 107 / 99 / 92 | | | H | 118 / 107 / 100 / 93 | | | L | 119 / 108 / 100 / 93 | | | P | 115 / 105 / 98 / 92 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|-------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 63381 | 0.0 | 1170 | 9.036 | 109 | 112 | 102 | 100 | 99 | 95 | 94 | 96 | 105 | 102 | 25 ° |
| 77328 | 36.4 | 1170 | 19.201 | 106 | 110 | 101 | 98 | 98 | 96 | 94 | 92 | 103 | 90 | 35 ° |
| 90589 | 46.6 | 1170 | 24.762 | 107 | 111 | 104 | 100 | 100 | 97 | 94 | 92 | 105 | 94 | 40 ° |
| 57830 | 20.3 | 875 | 8.032 | 99 | 100 | 93 | 92 | 91 | 89 | 87 | 85 | 96 | 60 | 35 ° |
| 55782 | 31.0 | 875 | 10.285 | 103 | 106 | 101 | 98 | 94 | 90 | 87 | 84 | 100 | 70 | 40 ° |
| 92193 | 2.9 | 875 | 11.484 | 103 | 104 | 95 | 94 | 91 | 89 | 90 | 91 | 98 | 65 | 45 ° |

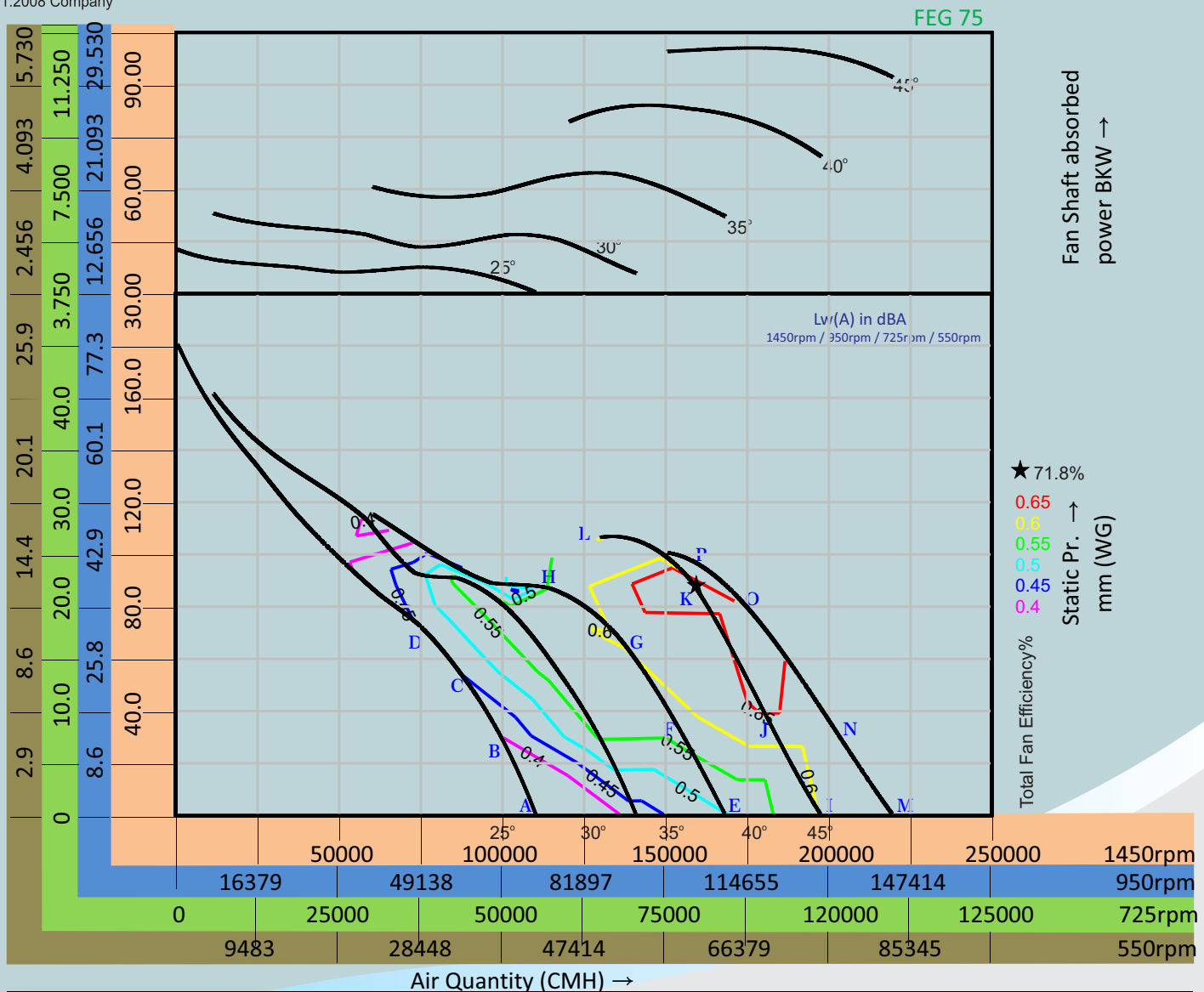
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1400-300-6-AX1

Fan outlet and Inlet area: 1.5400 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1400-300-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm | | LwA in dBA 1450/950/725/550rpm |
|---|-----------------------------------|---|-----------------------------------|---|-----------------------------------|---|-----------------------------------|
| A | 113 / 103 / 97 / 91 | E | 113 / 102 / 95 / 88 | I | 113 / 102 / 95 / 88 | M | 114 / 104 / 97 / 92 |
| B | 115 / 104 / 98 / 91 | F | 112 / 102 / 95 / 88 | J | 113 / 102 / 95 / 88 | N | 113 / 103 / 97 / 92 |
| C | 116 / 105 / 99 / 92 | G | 112 / 102 / 95 / 88 | K | 114 / 103 / 96 / 89 | O | 114 / 104 / 97 / 92 |
| D | 116 / 105 / 98 / 91 | H | 116 / 105 / 98 / 91 | L | 117 / 106 / 99 / 91 | P | 114 / 104 / 98 / 92 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 72302 | 0.0 | 950 | 8.525 | 106 | 110 | 100 | 99 | 96 | 93 | 94 | 98 | 103 | 100 | 25° |
| 88212 | 30.1 | 950 | 18.115 | 104 | 108 | 99 | 97 | 96 | 94 | 92 | 95 | 102 | 86 | 35° |
| 103340 | 38.6 | 950 | 23.361 | 105 | 109 | 101 | 99 | 98 | 95 | 92 | 96 | 103 | 90 | 40° |
| 85087 | 45.8 | 950 | 23.197 | 108 | 113 | 107 | 104 | 100 | 96 | 92 | 95 | 106 | 101 | 40° |
| 141338 | 4.2 | 950 | 25.902 | 108 | 112 | 101 | 99 | 97 | 95 | 95 | 96 | 104 | 95 | 45° |
| 64935 | 26.7 | 725 | 10.31 | 103 | 102 | 99 | 97 | 92 | 88 | 85 | 92 | 99 | 68 | 40° |

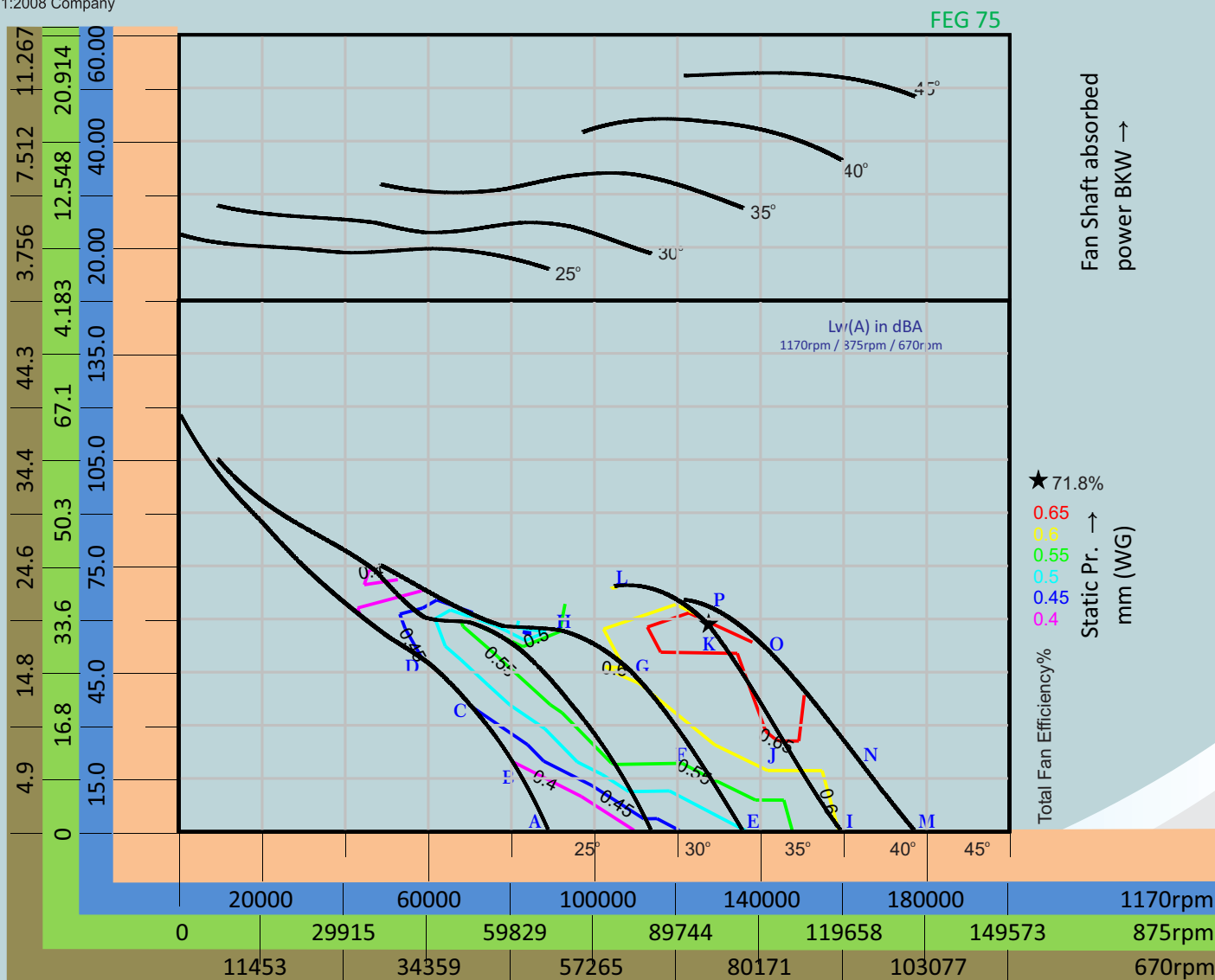
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1400-300-6-AX1

Fan outlet and Inlet area: 1.5400 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1400-300-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 1170/875/670rpm | | | | LwA in dBA 1170/875/670rpm | | | | LwA in dBA 1170/875/670rpm | | | | LwA in dBA 1170/875/670rpm | | | |
|-------------------------------|----------------|--|--|-------------------------------|----------------|--|--|-------------------------------|----------------|--|--|-------------------------------|----------------|--|--|
| A | 108 / 101 / 95 | | | E | 108 / 100 / 93 | | | I | 108 / 100 / 93 | | | M | 109 / 102 / 96 | | |
| B | 110 / 102 / 96 | | | F | 107 / 100 / 93 | | | J | 108 / 100 / 93 | | | N | 108 / 101 / 95 | | |
| C | 111 / 103 / 97 | | | G | 107 / 100 / 93 | | | K | 108 / 101 / 94 | | | O | 108 / 101 / 96 | | |
| D | 110 / 103 / 96 | | | H | 111 / 103 / 96 | | | L | 112 / 104 / 96 | | | P | 109 / 102 / 96 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|------|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 108640 | 45.6 | 1170 | 33.839 | 111 | 113 | 105 | 101 | 101 | 99 | 97 | 98 | 107 | 116 | 35° |
| 66594 | 0.0 | 875 | 6.661 | 105 | 105 | 98 | 98 | 94 | 91 | 92 | 97 | 101 | 88 | 25° |
| 81248 | 25.5 | 875 | 14.154 | 103 | 104 | 96 | 95 | 94 | 92 | 90 | 95 | 100 | 76 | 35° |
| 78369 | 38.8 | 875 | 18.125 | 107 | 109 | 105 | 102 | 98 | 94 | 90 | 94 | 104 | 89 | 40° |
| 130179 | 3.6 | 875 | 20.239 | 107 | 107 | 98 | 97 | 95 | 93 | 93 | 95 | 102 | 84 | 45° |
| 60008 | 22.8 | 670 | 8.137 | 102 | 100 | 97 | 95 | 90 | 86 | 85 | 91 | 97 | 62 | 40° |

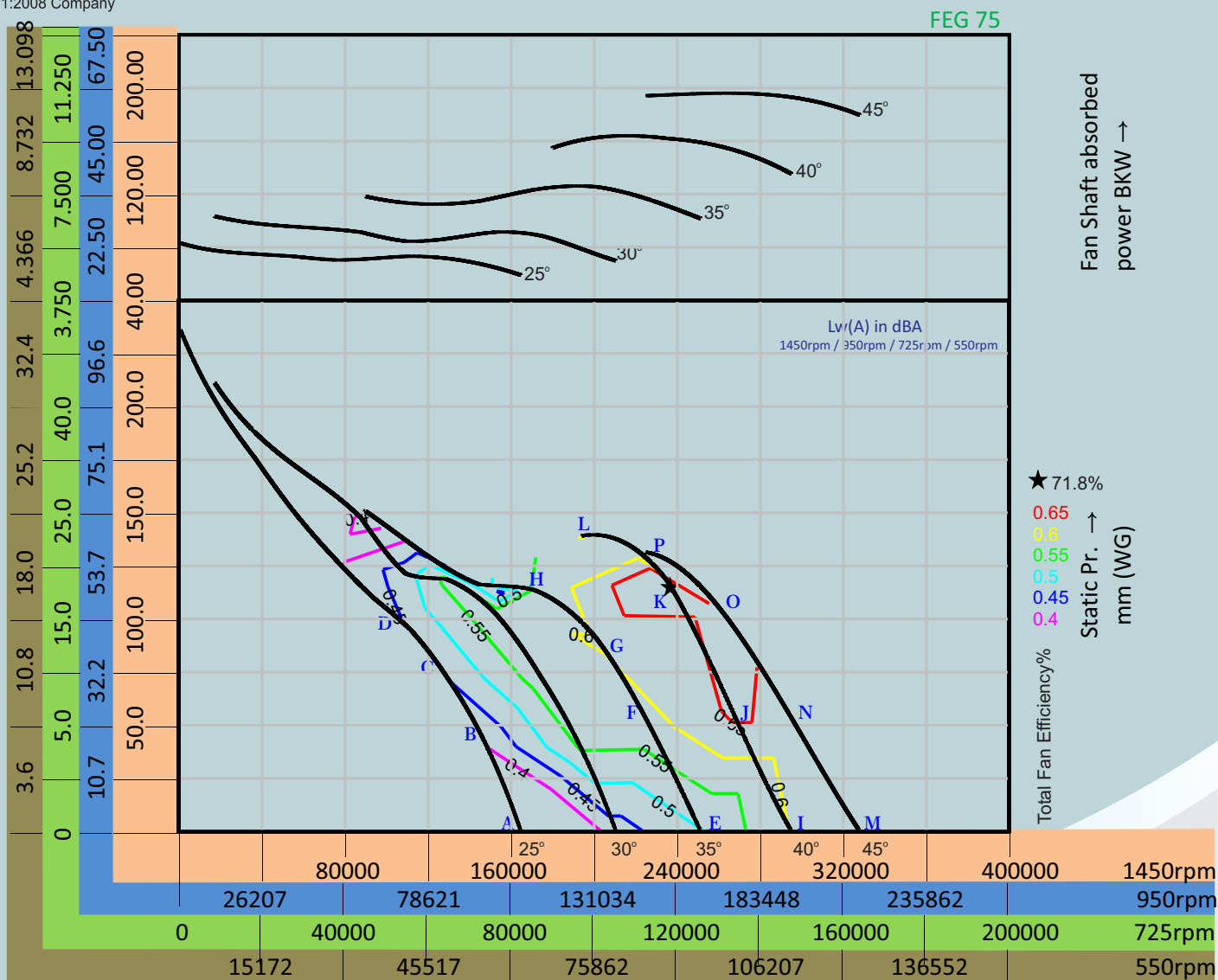
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1600-344-6-AX1

Fan outlet and Inlet area: 2.0114 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1600-344-6-AX1 shown herein is 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 for installation type B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | | | LwA in dBA 1450/950/725/550rpm | | | |
|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|---|-----------------------------------|--|--|--|
| A | 117 / 107 / 101 / 95 | | | | E | 117 / 106 / 99 / 92 | | | | I | 117 / 107 / 99 / 93 | | | | M | 118 / 108 / 101 / 96 | | | |
| B | 119 / 109 / 102 / 95 | | | | F | 117 / 106 / 99 / 92 | | | | J | 117 / 107 / 99 / 92 | | | | N | 118 / 108 / 101 / 96 | | | |
| C | 120 / 109 / 103 / 96 | | | | G | 116 / 106 / 99 / 92 | | | | K | 118 / 107 / 100 / 93 | | | | O | 118 / 108 / 101 / 96 | | | |
| D | 120 / 109 / 102 / 95 | | | | H | 120 / 109 / 102 / 95 | | | | L | 121 / 110 / 103 / 95 | | | | P | 118 / 108 / 102 / 96 | | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 131675 | 39.3 | 950 | 35.318 | 109 | 112 | 103 | 101 | 100 | 98 | 96 | 100 | 106 | 116 | 35° |
| 82365 | 0.0 | 725 | 7.387 | 106 | 100 | 98 | 98 | 93 | 91 | 93 | 99 | 101 | 92 | 25° |
| 100489 | 22.9 | 725 | 15.698 | 104 | 100 | 95 | 96 | 94 | 92 | 90 | 96 | 99 | 79 | 35° |
| 117722 | 29.3 | 725 | 20.244 | 105 | 102 | 98 | 98 | 95 | 92 | 90 | 96 | 101 | 82 | 40° |
| 161008 | 3.2 | 725 | 22.446 | 108 | 102 | 97 | 98 | 94 | 93 | 94 | 97 | 101 | 86 | 45° |
| 73532 | 20.0 | 550 | 8.776 | 103 | 99 | 97 | 93 | 89 | 85 | 82 | 93 | 97 | 64 | 40° |

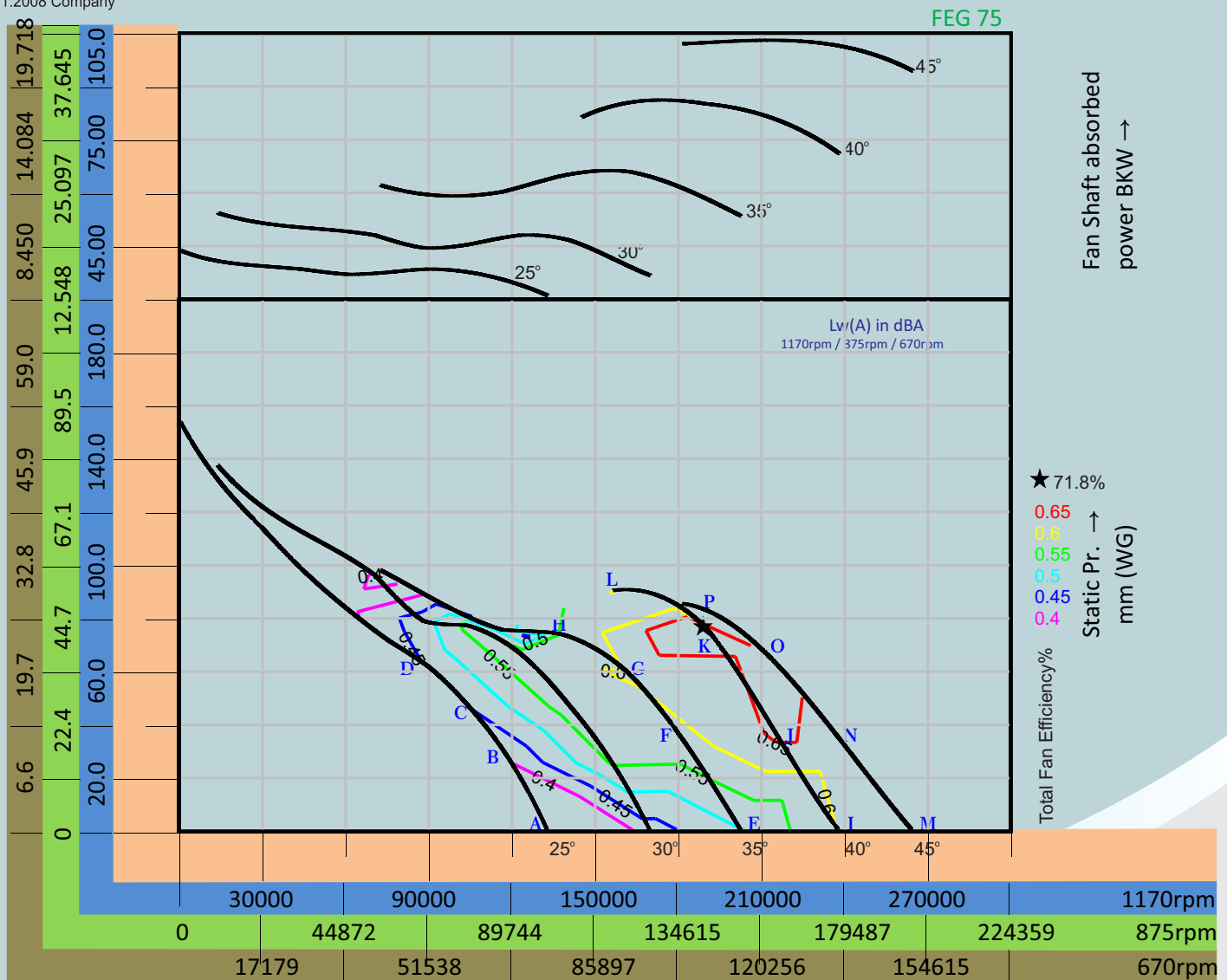
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1600-344-6-AX1

Fan outlet and Inlet area: 2.0114 sq. mtr.



Air Quantity (CMH) →



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1600-344-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 1170/875/670rpm | | LwA in dBA 1170/875/670rpm | | LwA in dBA 1170/875/670rpm | | LwA in dBA 1170/875/670rpm |
|---|-------------------------------|---|-------------------------------|---|-------------------------------|---|-------------------------------|
| A | 112 / 105 / 99 | E | 112 / 104 / 97 | I | 112 / 104 / 97 | M | 113 / 106 / 100 |
| B | 114 / 106 / 100 | F | 112 / 104 / 97 | J | 112 / 104 / 97 | N | 113 / 105 / 99 |
| C | 115 / 107 / 101 | G | 111 / 104 / 97 | K | 112 / 105 / 98 | O | 113 / 106 / 100 |
| D | 114 / 107 / 100 | H | 115 / 107 / 100 | L | 116 / 108 / 101 | P | 113 / 106 / 100 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 99406 | 0.0 | 875 | 12.986 | 109 | 110 | 102 | 102 | 98 | 95 | 96 | 101 | 105 | 120 | 25° |
| 121279 | 33.3 | 875 | 27.596 | 107 | 109 | 100 | 100 | 98 | 96 | 94 | 99 | 104 | 103 | 35° |
| 116983 | 50.7 | 875 | 35.338 | 111 | 114 | 109 | 106 | 102 | 98 | 94 | 99 | 108 | 121 | 40° |
| 194320 | 4.7 | 875 | 39.459 | 111 | 112 | 102 | 102 | 99 | 97 | 97 | 99 | 106 | 114 | 45° |
| 92865 | 19.5 | 670 | 12.389 | 103 | 97 | 93 | 94 | 92 | 90 | 88 | 95 | 99 | 72 | 35° |
| 89575 | 29.7 | 670 | 15.865 | 107 | 105 | 102 | 99 | 94 | 90 | 87 | 95 | 101 | 82 | 40° |

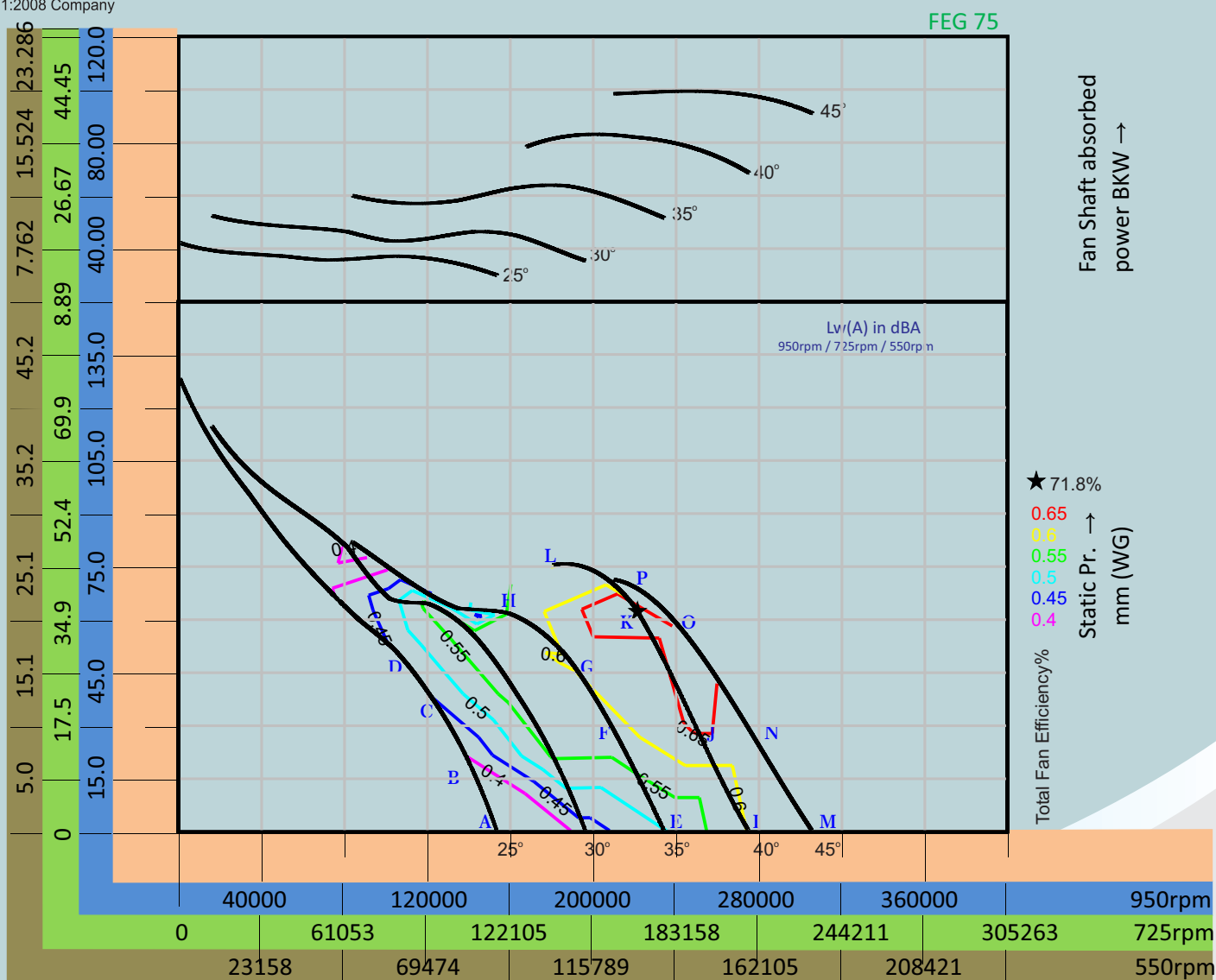
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1800-388-6-AX1

Fan outlet and Inlet area: 2.5457 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1800-388-6-AX1 shown herein is 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 for installation type B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 950/725/550rpm | | | | LwA in dBA 950/725/550rpm | | | | LwA in dBA 950/725/550rpm | | | | LwA in dBA 950/725/550rpm | | | |
|------------------------------|-----|---|-----------|------------------------------|-----|---|----------|------------------------------|-----|---|----------|------------------------------|-----|---|-----------|
| A | 111 | / | 104 / 98 | E | 110 | / | 103 / 96 | I | 110 | / | 103 / 96 | M | 111 | / | 105 / 100 |
| B | 112 | / | 105 / 99 | F | 110 | / | 103 / 96 | J | 110 | / | 103 / 96 | N | 111 | / | 105 / 99 |
| C | 113 | / | 106 / 100 | G | 110 | / | 103 / 96 | K | 111 | / | 104 / 97 | O | 111 | / | 105 / 100 |
| D | 113 | / | 105 / 99 | H | 113 | / | 106 / 99 | L | 114 | / | 106 / 99 | P | 112 | / | 105 / 100 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 187482 | 49.7 | 950 | 63.644 | 113 | 116 | 106 | 105 | 104 | 102 | 100 | 103 | 110 | 154 | 35 ° |
| 117274 | 0.0 | 725 | 13.312 | 110 | 104 | 101 | 101 | 96 | 94 | 96 | 102 | 104 | 121 | 25 ° |
| 143078 | 29.0 | 725 | 28.288 | 108 | 104 | 98 | 99 | 97 | 95 | 93 | 100 | 103 | 103 | 35 ° |
| 167616 | 37.1 | 725 | 36.48 | 109 | 106 | 101 | 101 | 98 | 95 | 93 | 100 | 104 | 107 | 40 ° |
| 229248 | 4.1 | 725 | 40.448 | 112 | 106 | 100 | 101 | 97 | 96 | 97 | 100 | 105 | 113 | 45 ° |
| 104697 | 25.4 | 550 | 15.815 | 107 | 103 | 100 | 97 | 92 | 89 | 90 | 96 | 100 | 83 | 40 ° |

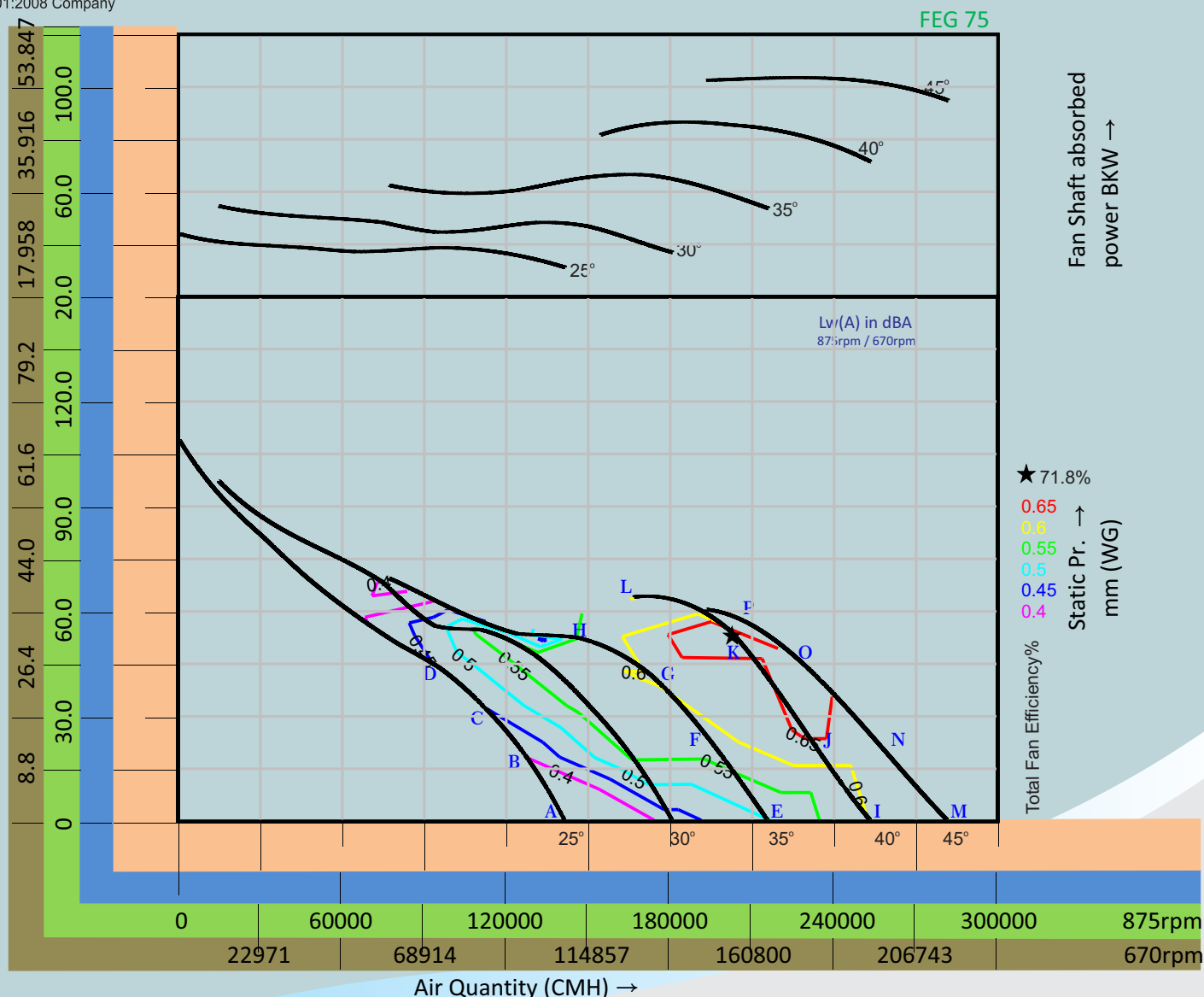
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 1800-388-6-AX1

Fan outlet and Inlet area: 2.5457 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-1800-388-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | |
|--------------------------|-----------|--|--|--------------------------|-----------|--|--|--------------------------|-----------|--|--|--------------------------|-----------|--|--|
| A | 109 / 103 | | | E | 108 / 101 | | | I | 108 / 101 | | | M | 109 / 103 | | |
| B | 110 / 104 | | | F | 107 / 101 | | | J | 108 / 101 | | | N | 109 / 103 | | |
| C | 111 / 104 | | | G | 107 / 101 | | | K | 109 / 102 | | | O | 109 / 103 | | |
| D | 110 / 103 | | | H | 111 / 104 | | | L | 111 / 104 | | | P | 110 / 104 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 172681 | 42.2 | 875 | 49.729 | 111 | 112 | 104 | 103 | 102 | 100 | 98 | 102 | 108 | 136 | 35 ° |
| 202295 | 54.1 | 875 | 64.131 | 112 | 114 | 107 | 105 | 103 | 100 | 98 | 102 | 109 | 141 | 40 ° |
| 108377 | 0.0 | 670 | 10.506 | 109 | 102 | 100 | 99 | 94 | 93 | 95 | 103 | 103 | 109 | 25 ° |
| 132224 | 24.7 | 670 | 22.326 | 107 | 101 | 97 | 97 | 95 | 93 | 91 | 99 | 103 | 94 | 35 ° |
| 127540 | 37.6 | 670 | 28.590 | 111 | 108 | 105 | 102 | 98 | 94 | 91 | 98 | 105 | 108 | 40 ° |
| 211856 | 3.5 | 670 | 31.923 | 111 | 103 | 99 | 99 | 95 | 94 | 95 | 100 | 102 | 93 | 45 ° |

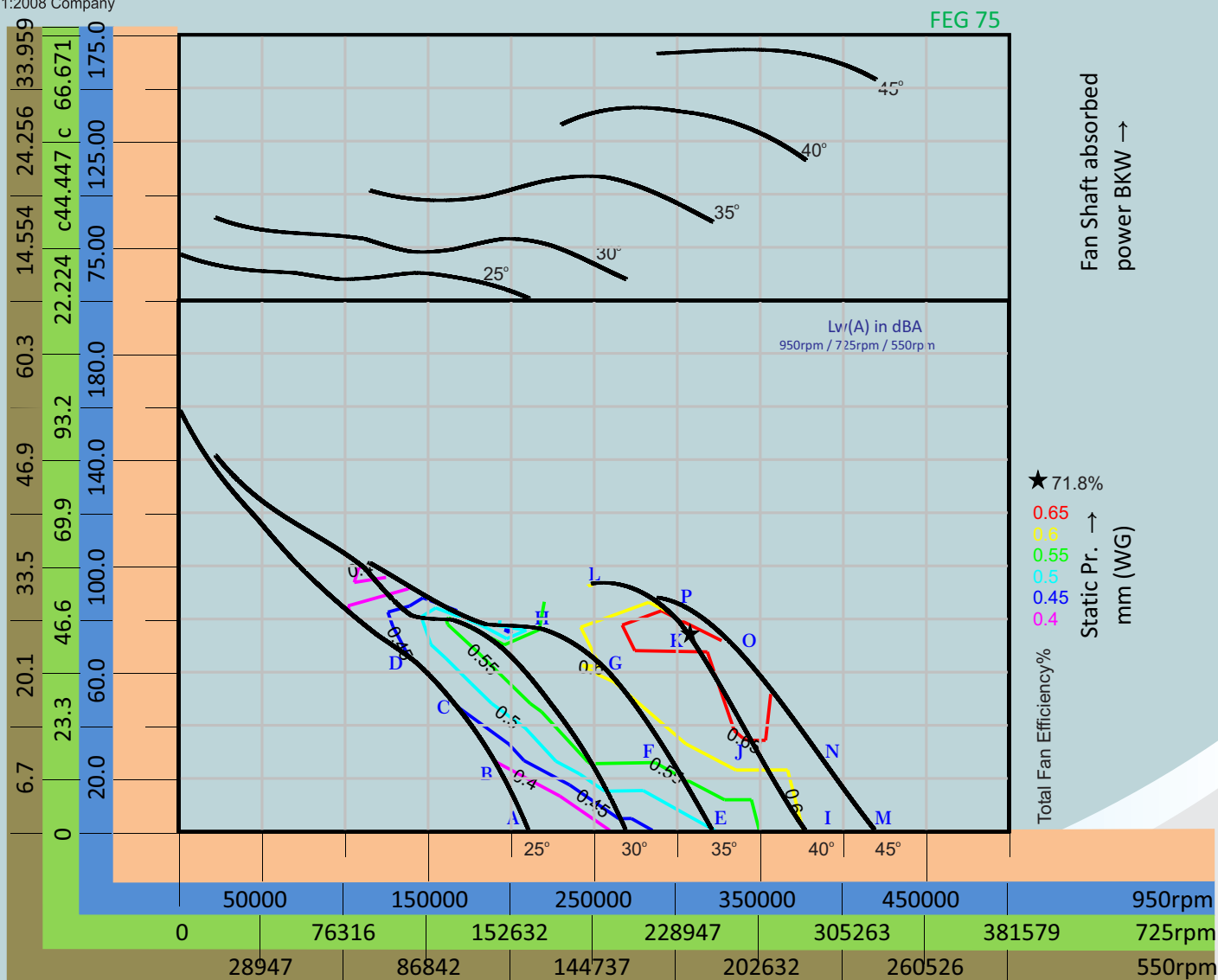
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 2000-428-6-AX1

Fan outlet and Inlet area: 3.1429 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-2000-428-6-AX1 shown herein is 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 for installation type B - Free 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 B: Free inlet, Ducted outlet.

| | LwA in dBA 950/725/550rpm | | LwA in dBA 950/725/550rpm | | LwA in dBA 950/725/550rpm | | LwA in dBA 950/725/550rpm |
|---|------------------------------|---|------------------------------|---|------------------------------|---|------------------------------|
| A | 114 / 108 / 104 | E | 113 / 106 / 102 | I | 113 / 106 / 102 | M | 115 / 108 / 105 |
| B | 115 / 109 / 104 | F | 113 / 106 / 102 | J | 113 / 106 / 102 | N | 114 / 108 / 103 |
| C | 116 / 110 / 105 | G | 113 / 106 / 102 | K | 114 / 107 / 102 | O | 114 / 108 / 103 |
| D | 116 / 109 / 104 | H | 116 / 109 / 104 | L | 117 / 110 / 104 | P | 115 / 108 / 103 |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| 291343 | 32.0 | 950 | 99.003 | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | 113 | 205 | 35° |
| 160869 | 0.0 | 725 | 22.544 | 114 | 107 | 104 | 105 | 99 | 97 | 99 | 106 | 108 | 154 | 25° |
| 196267 | 35.8 | 725 | 47.906 | 112 | 107 | 101 | 103 | 100 | 98 | 96 | 103 | 107 | 132 | 35° |
| 229926 | 45.8 | 725 | 61.779 | 113 | 109 | 104 | 105 | 101 | 98 | 96 | 103 | 107 | 137 | 40° |
| 314469 | 5.0 | 725 | 68.499 | 116 | 109 | 103 | 105 | 100 | 99 | 100 | 104 | 108 | 144 | 45° |
| 143617 | 31.3 | 550 | 26.783 | 111 | 106 | 103 | 100 | 96 | 92 | 93 | 99 | 104 | 105 | 40° |

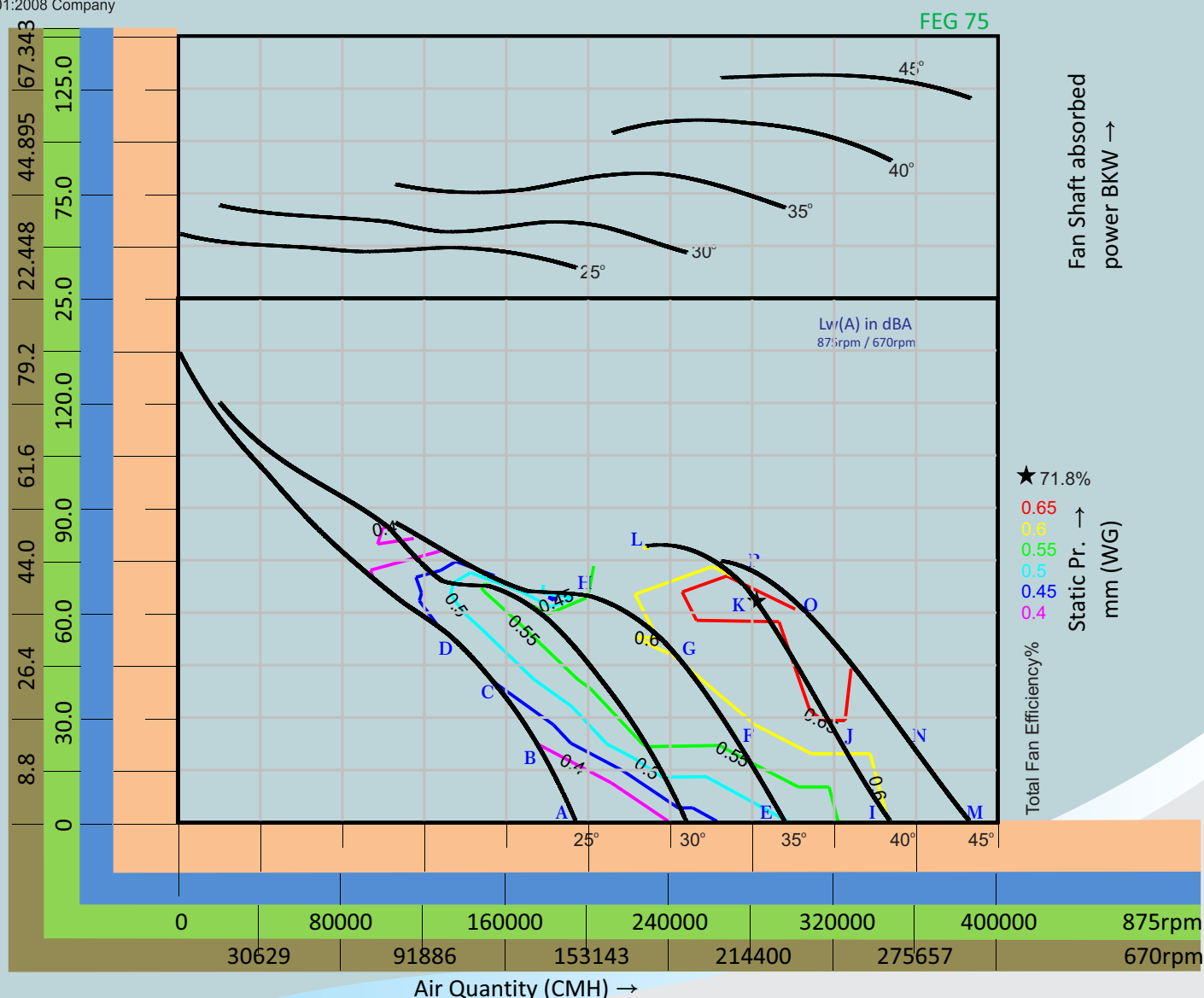
The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



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■ FAN MODEL : AFPV3G- 2000-428-6-AX1

Fan outlet and Inlet area: 3.1429 sq. mtr.



Air Flow Pvt. Ltd. certifies that the Axial Flow Fan series AFPV3G-2000-428-6-AX1 shown herein is 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 B - Free 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 B: Free inlet, Ducted outlet.

| LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | | LwA in dBA 875/670rpm | | | |
|--------------------------|-----------|--|--|--------------------------|-----------|--|--|--------------------------|-----------|--|--|--------------------------|-----------|--|--|
| A | 112 / 106 | | | E | 111 / 104 | | | I | 111 / 104 | | | M | 113 / 107 | | |
| B | 113 / 107 | | | F | 111 / 104 | | | J | 111 / 104 | | | N | 122 / 119 | | |
| C | 114 / 108 | | | G | 111 / 104 | | | K | 112 / 105 | | | O | 112 / 105 | | |
| D | 114 / 107 | | | H | 114 / 107 | | | L | 115 / 107 | | | P | 113 / 107 | | |

| CMH | St. Pr. mmWG | RPM | BKW | Sound Power Levels Lwi (dB) | | | | | | | | Overall LwiA (dBA) | Loudness in Sones | Blade Angle |
|--------|-----------------|-----|--------|-----------------------------|-----|-----|-----|------|------|------|------|-----------------------|----------------------|----------------|
| | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | | | |
| 236874 | 52.1 | 875 | 84.217 | 115 | 116 | 107 | 106 | 105 | 103 | 101 | 105 | 111 | 174 | 35° |
| 277497 | 66.8 | 875 | 108.61 | 116 | 117 | 110 | 109 | 106 | 103 | 101 | 105 | 112 | 181 | 40° |
| 148665 | 0.0 | 670 | 17.793 | 112 | 105 | 103 | 102 | 97 | 96 | 98 | 104 | 107 | 140 | 25° |
| 181377 | 30.5 | 670 | 37.809 | 110 | 105 | 100 | 101 | 98 | 96 | 94 | 102 | 105 | 120 | 35° |
| 174952 | 46.5 | 670 | 48.417 | 114 | 112 | 108 | 105 | 101 | 97 | 94 | 101 | 108 | 137 | 40° |
| 290613 | 4.3 | 670 | 54.062 | 114 | 107 | 102 | 102 | 98 | 98 | 99 | 103 | 106 | 130 | 45° |

The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. The sound ratings shown are loudness values in fan sones at 1.5m (5ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type B: free inlet hemispherical sone levels.



An ISO 9001:2008 Company

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