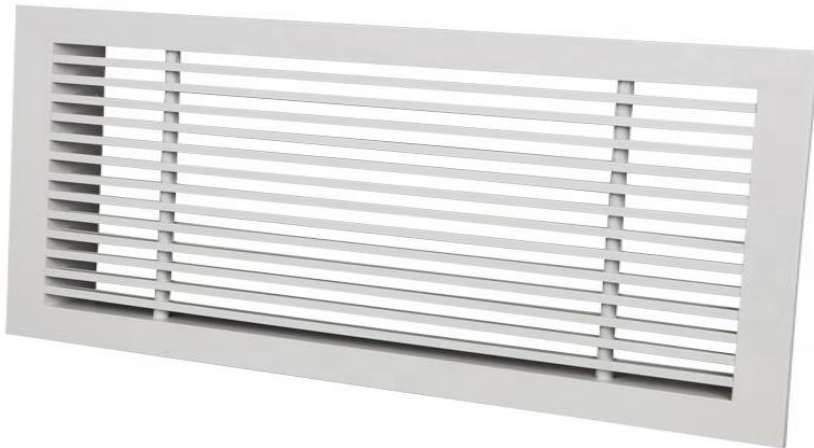


Distributed by



www.anbisolutions.com

LINEAR BAR GRILLE Model AGI-LG



APPLICATIONS

Bar grilles are an all-purpose grille suitable for supply, return and exhaust air applications in heating, cooling and ventilation systems.

A versatile grille that can be easily fitted in walls, bulkheads, kickboards, floors and ceilings.

A popular choice for continuous line applications.

FEATURES

Constructed of lightweight aluminium extrusion resistant to rust and corrosion.

Sections can be butted together for continuous installation, joining pieces supplied.

Optional adjustable vertical back blades can be fitted to rear.

Blade profile 25 x 3mm aluminium flat bar at 18mm centres.

Standard finish powder coat satin white.

Distributed by



www.anbisolutions.com

LINEAR BAR GRILLE Model AGI-LG

| Performance at 0o Blade Deflection | | | | | | | | | | | | | | | | |
|------------------------------------|-----------|----|------|------|-----------|----|------|------|------------|-----|------|------|------------|-----|------|------|
| Nominal Size | 1200 x 50 | | | | 1200 x 75 | | | | 1200 x 100 | | | | 1200 x 125 | | | |
| Core m/s | 0.060 sqm | | | | 0.090 sqm | | | | 0.120 sqm | | | | 0.150 sqm | | | |
| | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 |
| 1.0 | 60 | 4 | 2 | 3 | 90 | 3 | 2 | 3 | 120 | 4 | 3 | 4 | 150 | 4 | 3 | 4 |
| 1.5 | 90 | 9 | 3 | 4 | 135 | 7 | 3 | 4 | 180 | 9 | 4 | 5 | 225 | 9 | 4 | 6 |
| 2.0 | 120 | 15 | 3 | 5 | 180 | 13 | 4 | 5 | 240 | 16 | 5 | 6 | 300 | 16 | 5 | 7 |
| 2.5 | 150 | 24 | 4 | 6 | 225 | 20 | 5 | 7 | 300 | 25 | 5 | 8 | 375 | 25 | 6 | 8 |
| 3.0 | 180 | 35 | 4 | 6 | 270 | 29 | 5 | 8 | 360 | 36 | 6 | 9 | 450 | 36 | 8 | 10 |
| 3.5 | 210 | 47 | 5 | 7 | 315 | 40 | 6 | 9 | 420 | 49 | 7 | 10 | 525 | 50 | 8 | 11 |
| 4.0 | 240 | 61 | 6 | 8 | 360 | 52 | 7 | 10 | 480 | 64 | 8 | 11 | 600 | 65 | 9 | 12 |
| 5.0 | 300 | 95 | 7 | 10 | 450 | 81 | 8 | 11 | 600 | 100 | 9 | 13 | 750 | 101 | 10 | 15 |

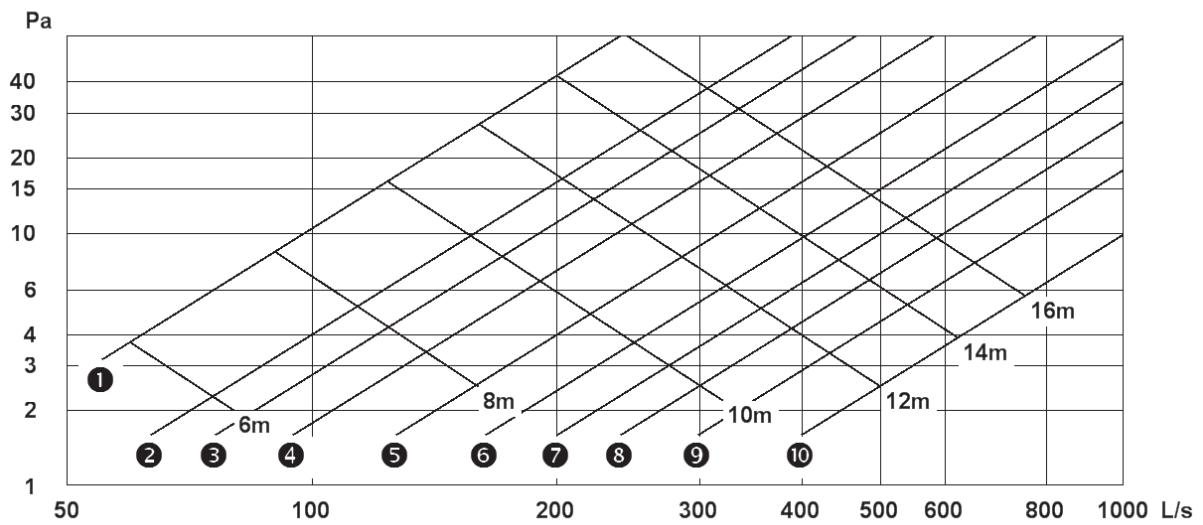
| Performance at 0o Blade Deflection | | | | | | | | | | | | | | | | |
|------------------------------------|------------|----|------|------|------------|----|------|------|------------|----|------|------|------------|----|------|------|
| Nominal Size | 1200 x 150 | | | | 1200 x 200 | | | | 1200 x 225 | | | | 1200 x 250 | | | |
| Core m/s | 0.180 sqm | | | | 0.240 sqm | | | | 0.270 sqm | | | | 0.300 sqm | | | |
| | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 |
| 1.0 | 180 | 3 | 3 | 4 | 240 | 3 | 3 | 5 | 270 | 3 | 3 | 5 | 300 | 3 | 4 | 5 |
| 1.5 | 270 | 7 | 4 | 6 | 360 | 8 | 5 | 7 | 405 | 7 | 5 | 7 | 450 | 6 | 5 | 7 |
| 2.0 | 360 | 13 | 5 | 7 | 480 | 14 | 6 | 8 | 540 | 12 | 6 | 9 | 600 | 10 | 6 | 9 |
| 2.5 | 450 | 20 | 6 | 9 | 600 | 22 | 7 | 10 | 675 | 18 | 7 | 10 | 750 | 16 | 7 | 11 |
| 3.0 | 540 | 29 | 7 | 10 | 720 | 31 | 8 | 12 | 810 | 26 | 8 | 12 | 900 | 23 | 9 | 12 |
| 3.5 | 630 | 40 | 8 | 12 | 840 | 42 | 9 | 13 | 945 | 36 | 9 | 14 | 1050 | 31 | 10 | 14 |
| 4.0 | 720 | 52 | 9 | 13 | 960 | 55 | 10 | 15 | 1080 | 47 | 11 | 15 | 1200 | 40 | 11 | 15 |
| 5.0 | 900 | 81 | 11 | 15 | 1200 | 86 | 12 | 18 | 1350 | 73 | 13 | 18 | 1500 | 63 | 13 | 19 |

| Performance at 0o Blade Deflection | | | | | | | | |
|------------------------------------|------------|----|------|------|------------|----|------|------|
| Nominal Size | 1200 x 300 | | | | 1200 x 400 | | | |
| Core m/s | 0.360 sqm | | | | 0.480 sqm | | | |
| | L/s | Pa | t.50 | t.25 | L/s | Pa | t.50 | t.25 |
| 1.0 | 360 | 2 | 4 | 5 | 480 | 2 | 4 | 6 |
| 1.5 | 540 | 5 | 5 | 8 | 720 | 5 | 6 | 9 |
| 2.0 | 720 | 9 | 7 | 9 | 960 | 9 | 8 | 11 |
| 2.5 | 900 | 15 | 8 | 11 | 1200 | 14 | 9 | 13 |
| 3.0 | 1080 | 21 | 9 | 13 | 1440 | 21 | 10 | 15 |
| 3.5 | 1260 | 29 | 10 | 15 | 1680 | 28 | 12 | 17 |
| 4.0 | 1440 | 37 | 12 | 16 | 1920 | 37 | 13 | 19 |
| 5.0 | 1800 | 58 | 14 | 20 | 2400 | 58 | 16 | 22 |

t.50 - Throw (m) to terminal velocity of 0.5m/s.
t.25 - Throw (m) to terminal velocity of 0.25m/s

LINEAR BAR GRILLE
Model AGI-LG

Bar Grille - 0° Deflection



Throw (m) is to a terminal velocity of 0.25m/s.
Throw to a terminal velocity of 0.5m/s is approximately 70% of the above.

Grille Size

1200x50, 1200x75, 1200x100, 1200x125, 1200x150, 1200x200, 1200x225, 1200x250, 1200x300, 1200x400

Distributed by



www.anbisolutions.com