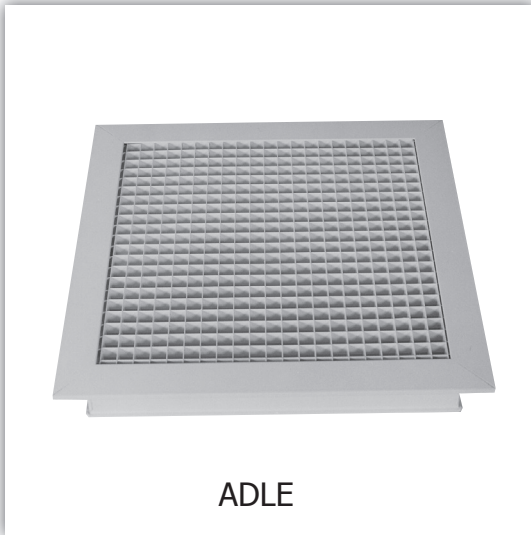


EGGCRATE GRILLE Model ADLE



LAY-IN CORE

APPLICATIONS

Industry standard extract grille.

With 90% free area these grilles can handle extremely high air volumes with minimal pressure drop and noise.

Loose core and clip in removable core options available (see pages 64 and 65).

45 degree eggcrate is available for exhaust and return air applications. The angled eggcrate results in blocking sight from most angles.

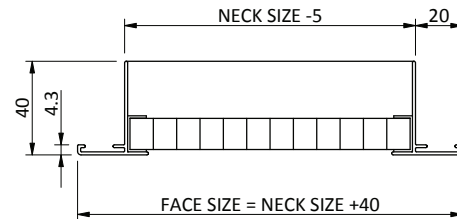
FEATURES

Aluminium lightweight construction.

12mm cubed lattice core in extruded aluminium frame.

Standard finish powder coat satin white.

DESIGN DETAILS (mm)



STOCK SIZES (mm)

| Code | Nominal Neck Size |
|--------|-------------------|
| LE1515 | 150 X 150 |
| LE2020 | 200 X 200 |
| LE2525 | 250 X 250 |
| LE3030 | 300 X 300 |
| LE3535 | 350 x 350 |
| LE4040 | 400 X 400 |
| LE4545 | 450 X 450 |
| LE5050 | 500 X 500 |
| LE5929 | 595 X 295 FACE |
| LE5959 | 595 X 595 FACE |
| LE6030 | 600 X 300 |
| LE6040 | 600 X 400 |
| LE9045 | 900 X 450 |
| LE9050 | 900 X 500 |
| LE9060 | 900 X 600 |
| LE1159 | 1195 X 595 FACE |



EGGCRATE GRILLE
Model ADLE

| Performance | | | | | | | | | | |
|-----------------------------|-----|------|------|------|------|------|------|------|------|------|
| Core Velocity | m/s | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 | 6.0 | 7.0 |
| Static Pressure | Pa | 2.8 | 5.0 | 7.8 | 11.2 | 15.3 | 20 | 31 | 45 | 61 |
| Air Volume and Noise Rating | | | | | | | | | | |
| 150 x 150 | L/s | 30 | 40 | 50 | 60 | 70 | 80 | 100 | 120 | 140 |
| 200 x 100 | NR | | | | | 21 | 24 | 30 | 36 | 42 |
| 200 x 150 | L/s | 45 | 60 | 75 | 90 | 105 | 120 | 150 | 180 | 210 |
| 300 x 100 | NR | | | | | 23 | 26 | 32 | 39 | 45 |
| 300 x 150 | L/s | 68 | 90 | 113 | 135 | 158 | 180 | 225 | 270 | 315 |
| 200 x 200 | NR | | | | 20 | 23 | 26 | 33 | 39 | 46 |
| 250 x 250 | L/s | 90 | 120 | 150 | 180 | 210 | 240 | 300 | 360 | 420 |
| 300 x 200 | NR | | | | 20 | 24 | 27 | 34 | 40 | 47 |
| 300 x 300 | L/s | 135 | 180 | 225 | 270 | 315 | 360 | 450 | 540 | 630 |
| 600 x 150 | NR | | | 17 | 20 | 24 | 27 | 34 | 41 | 48 |
| 450 x 300 | L/s | 203 | 270 | 338 | 405 | 473 | 540 | 675 | 810 | 945 |
| 400 x 350 | NR | | | 18 | 21 | 25 | 29 | 36 | 43 | 50 |
| 400 x 400 | L/s | 240 | 320 | 400 | 480 | 560 | 640 | 800 | 960 | 1120 |
| 600 x 250 | NR | | | 19 | 22 | 26 | 30 | 37 | 45 | 52 |
| 500 x 350 | L/s | 270 | 360 | 450 | 540 | 630 | 720 | 900 | 1080 | 1260 |
| 600 x 300 | NR | | | 19 | 23 | 27 | 31 | 39 | 46 | 54 |
| 500 x 400 | L/s | 300 | 400 | 500 | 600 | 700 | 800 | 1000 | 1200 | 1400 |
| | NR | | | 20 | 24 | 28 | 31 | 39 | 47 | 55 |
| 600 x 400 | L/s | 360 | 480 | 600 | 720 | 840 | 960 | 1200 | 1440 | 1680 |
| | NR | | | 20 | 24 | 28 | 32 | 40 | 47 | 55 |
| 600 x 500 | L/s | 450 | 600 | 750 | 900 | 1050 | 1200 | 1500 | 1800 | 2100 |
| | NR | | | 20 | 24 | 28 | 32 | 40 | 48 | 56 |
| 900 x 400 | L/s | 540 | 720 | 900 | 1080 | 1260 | 1440 | 1800 | 2160 | 2520 |
| | NR | | | 20 | 24 | 28 | 32 | 41 | 49 | 57 |
| 750 x 600 | L/s | 675 | 900 | 1125 | 1350 | 1575 | 1800 | 2250 | 2700 | 3150 |
| | NR | | | 21 | 25 | 29 | 33 | 41 | 49 | 57 |
| 900 x 600 | L/s | 810 | 1080 | 1350 | 1620 | 1890 | 2160 | 2700 | 3240 | 3780 |
| | NR | | | 21 | 25 | 29 | 33 | 42 | 50 | 58 |
| 1200 x 500 | L/s | 900 | 1200 | 1500 | 1800 | 2100 | 2400 | 3000 | 3600 | 4200 |
| | NR | | | 21 | 25 | 30 | 34 | 42 | 51 | 59 |
| 1200 x 600 | L/s | 1080 | 1440 | 1800 | 2160 | 2520 | 2880 | 3600 | 4320 | 5040 |
| | NR | | | 21 | 26 | 30 | 34 | 43 | 51 | 60 |

Nominal Size - Millimetres Air Volume - Litres per second Core Velocity - Metres per second Static Pressure - Pascal

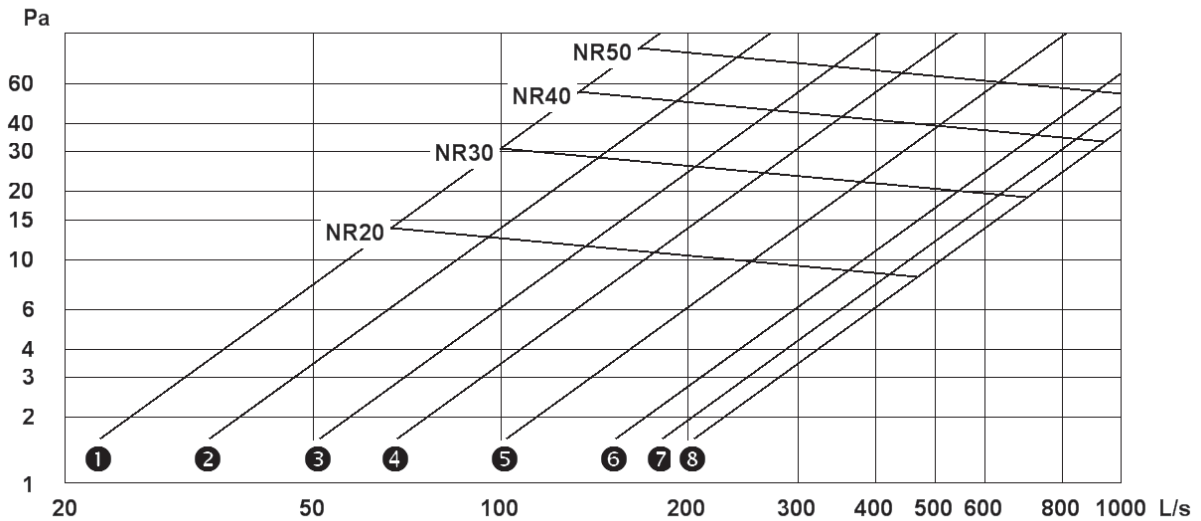
Recommended Noise Levels

| Typical Applications | Noise Rating NR |
|----------------------|-----------------|
| Bedroom / Auditorium | 25-30 |
| Private Office | 35-40 |
| General Office | 40-45 |
| Light Industrial | 50-60 |



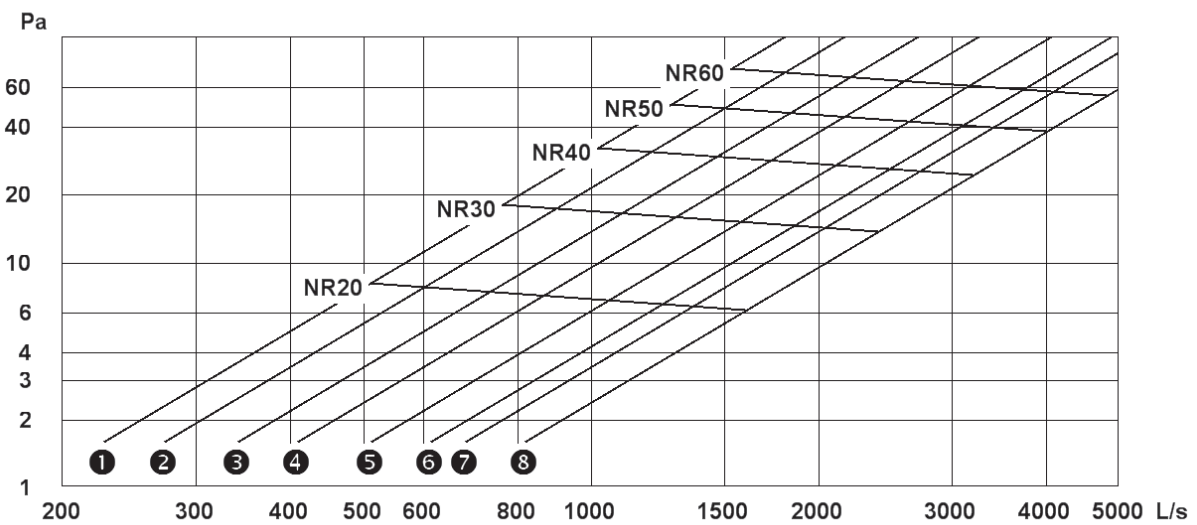
EGGCRATE GRILLE
Model ADLE

Eggcrate Grilles



Nominal Neck Size

- ①
150x150
- ②
200x150
- ③
300x150
- ④
250x250
- ⑤
300x300
- ⑥
450x300
- ⑦
400x400
- ⑧
500x350



Nominal Neck Size

- ①
500x400
- ②
600x400
- ③
600x500
- ④
900x400
- ⑤
750x600
- ⑥
900x600
- ⑦
1200x500
- ⑧
1200x600