

Hinged Eggcrate Grille (Removable)



Description The LinkedAir Hinged Eggcrate Grilles are designed to use in Return Air or Exhaust Air applications. The eggcrate core is press-formed from aluminium sheets with a thickness of 0.6mm. They are placed with a spacing of 12.5mm. It comes with a filter as a standard feature, and can be mounted on the wall or ceiling. The eggcrate core is secured with thumbscrew, and can be easily accessed for filter replacement.

Construction Extruded Aluminium and Mechanical Held

Application Return Air / Exhaust Air

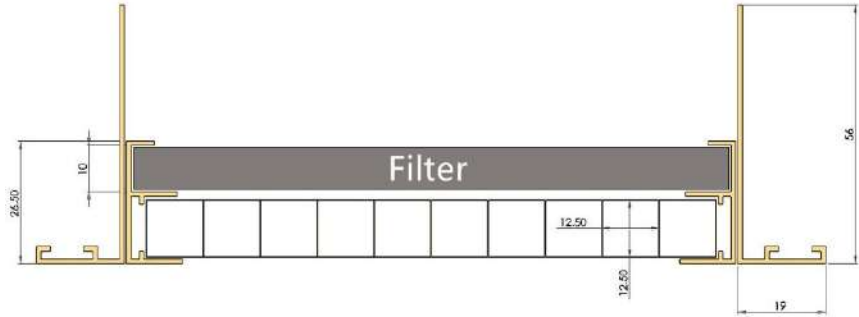
Size Flange Size: 24mm

Finish White (Powdercoated)

Options

| Design | Flange Size | Colour |
|--------------------|-------------|------------------|
| Removable Type | 18mm | Natural Anodised |
| Fixed Core Type | | / |
| Reverse Angle Type | 30mm | Dulux Range |
| Eggcrate Core Only | | |

Accessories Opposite Blade Damper
Plenum with Side or Top Entry
Blanking Plate



| Ac (m ²) | Neck Size (mm) | NECK AIR VELOCITY (m/s) | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 5.0 |
|----------------------|----------------|-------------------------|------|------|------|------|------|------|------|
| | | Total Pressure (Pa) | 4 | 6 | 9 | 13 | 18 | 22 | 35 |
| 0.016 | 200x100 | Air Flow Rate (l/s) | 25 | 35 | 42 | 52 | 61 | 71 | 87 |
| | 150x150 | NR LEVEL | - | - | - | - | 22 | 27 | 33 |
| 0.023 | 200x150 | Air Flow Rate (l/s) | 38 | 50 | 61 | 73 | 85 | 100 | 125 |
| | 350x100 | NR LEVEL | - | - | - | 16 | 25 | 28 | 34 |
| 0.031 | 250x150 | Air Flow Rate (l/s) | 50 | 66 | 83 | 100 | 115 | 132 | 165 |
| | 200x200 | NR LEVEL | - | - | - | 18 | 27 | 29 | 36 |
| 0.040 | 350x150 | Air Flow Rate (l/s) | 65 | 85 | 105 | 125 | 150 | 170 | 210 |
| | 250x200 | NR LEVEL | - | - | - | 19 | 28 | 30 | 37 |
| 0.048 | 400x150 | Air Flow Rate (l/s) | 80 | 105 | 130 | 155 | 180 | 210 | 260 |
| | 250x250 | NR LEVEL | - | - | - | 20 | 28 | 30 | 39 |
| 0.061 | 500x150 | Air Flow Rate (l/s) | 100 | 135 | 165 | 200 | 230 | 265 | 330 |
| | 350x200 | NR LEVEL | - | - | - | 21 | 29 | 32 | 38 |
| 0.074 | 300x300 | Air Flow Rate (l/s) | 120 | 160 | 200 | 240 | 280 | 320 | 400 |
| | 450x200 | NR LEVEL | - | - | 16 | 22 | 30 | 33 | 40 |
| 0.088 | 400x250 | Air Flow Rate (l/s) | 140 | 190 | 235 | 285 | 330 | 375 | 470 |
| | 500x200 | NR LEVEL | - | - | 17 | 23 | 30 | 33 | 41 |
| 0.118 | 400x350 | Air Flow Rate (l/s) | 190 | 255 | 320 | 380 | 445 | 510 | 635 |
| | 550x250 | NR LEVEL | - | - | 17 | 25 | 32 | 35 | 47 |
| 0.136 | 400x400 | Air Flow Rate (l/s) | 220 | 295 | 370 | 440 | 515 | 590 | 735 |
| | 550x300 | NR LEVEL | - | - | 19 | 26 | 32 | 36 | 44 |
| 0.154 | 500x350 | Air Flow Rate (l/s) | 250 | 335 | 420 | 500 | 585 | 670 | 835 |
| | 600x300 | NR LEVEL | - | - | 19 | 26 | 33 | 37 | 44 |
| 0.217 | 500x500 | Air Flow Rate (l/s) | 355 | 470 | 590 | 710 | 825 | 945 | 1180 |
| | 650x400 | NR LEVEL | - | - | 21 | 28 | 35 | 38 | 49 |
| 0.282 | 800x400 | Air Flow Rate (l/s) | 455 | 605 | 755 | 905 | 1055 | 1210 | 1510 |
| | 600x550 | NR LEVEL | - | - | 23 | 29 | 36 | 41 | 48 |
| 0.367 | 1200x350 | Air Flow Rate (l/s) | 595 | 795 | 995 | 1190 | 1390 | 1590 | 1980 |
| | 700x600 | NR LEVEL | - | - | 23 | 31 | 37 | 42 | 55 |
| 0.480 | 1200x450 | Air Flow Rate (l/s) | 775 | 1035 | 1295 | 1555 | 1810 | 2070 | 2585 |
| | 750x750 | NR LEVEL | - | - | 26 | 31 | 38 | 40 | - |
| 0.646 | 1200x600 | Air Flow Rate (l/s) | 1045 | 1400 | 1750 | 2100 | 2450 | 2800 | 3500 |
| | 900x800 | NR LEVEL | - | 17 | 27 | 34 | 43 | 46 | - |

- All performance data below is based on isothermal conditions
- **NOISE LEVEL** Noise data is based on a room absorption of 8db