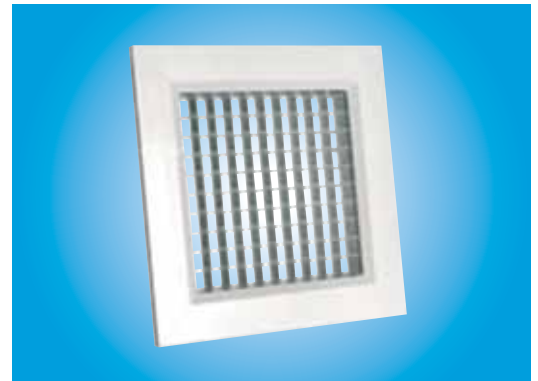


Egg Crate Grilles

by Express-air

Egg Crate Grilles are the latest addition to the Express-air Product Range. Egg Crate Grilles are designed for use in exhaust or return air situations and may be mounted in walls or ceilings. Made fully out of Aluminium, the Grille has outer frame manufactured from heavy extrusion which can accommodate the egg crate core. Grilles upto 600 mm x 600 mm are available, which can be mounted efficiently in the ceilings. The Grille core has a standard 1/2" x 1/2" x 1/2" Egg Crate Size. The free area of the grille is >90% of the nominal area, providing maximum air flow and very low noise levels. Egg Crate Grilles can also be supplied as plain cores according to customers' needs. Standard finish is Egg Shell White colour – RAL 9010. Can be supplied in other colours as per the requirement of the customers.



| Order Ref Code | Free Area M ² | Neck Size mm | Vel m/s Pa | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 5 |
|----------------|--------------------------|--------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| | | | | 4 | 6 | 9 | 13 | 18 | 23 | 34 |
| ECG100W | 0,009 | 100 x 100 | m ³ /s | 0,014 | 0,018 | 0,023 | 0,027 | 0,032 | 0,036 | 0,045 |
| | | | NR | - | - | - | 22 | 25 | 31 | |
| ECG150W | 0,019 | 150 x 150 | m ³ /s | 0,029 | 0,038 | 0,048 | 0,057 | 0,067 | 0,076 | 0,095 |
| | | | NR | - | - | - | 22 | 25 | 31 | |
| ECG200W | 0,034 | 200 x 200 | m ³ /s | 0,051 | 0,068 | 0,085 | 0,102 | 0,119 | 0,136 | 0,170 |
| | | | NR | - | - | - | 18 | 25 | 28 | 35 |
| ECG250W | 0,054 | 250 x 250 | m ³ /s | 0,081 | 0,108 | 0,135 | 0,162 | 0,189 | 0,216 | 0,270 |
| | | | NR | - | - | - | 19 | 26 | 28 | 37 |
| ECG300W | 0,078 | 300 x 300 | m ³ /s | 0,117 | 0,156 | 0,195 | 0,234 | 0,273 | 0,312 | 0,390 |
| | | | NR | - | - | - | 16 | 20 | 28 | 32 |
| ECG350W | 0,106 | 350 x 350 | m ³ /s | 0,159 | 0,212 | 0,265 | 0,318 | 0,371 | 0,424 | 0,530 |
| | | | NR | - | - | - | 17 | 23 | 30 | 32 |
| ECG400W | 0,144 | 400 x 400 | m ³ /s | 0,216 | 0,288 | 0,360 | 0,432 | 0,504 | 0,576 | 0,720 |
| | | | NR | - | - | - | 19 | 24 | 29 | 33 |
| ECG450W | 0,182 | 450 x 450 | m ³ /s | 0,273 | 0,364 | 0,455 | 0,546 | 0,637 | 0,728 | 0,910 |
| | | | NR | - | - | - | 20 | 25 | 33 | 35 |
| ECG500W | 0,231 | 500 x 500 | m ³ /s | 0,347 | 0,462 | 0,578 | 0,693 | 0,809 | 0,924 | 1,155 |
| | | | NR | - | - | - | 21 | 26 | 33 | 36 |
| ECG595W | 0,299 | 550 x 550 | m ³ /s | 0,449 | 0,598 | 0,748 | 0,897 | 1,047 | 1,196 | 1,495 |
| | | | NR | - | - | - | 22 | 28 | 34 | 38 |

Opposed blade dampers are available for all sizes of Egg crate grilles, please quote ref EA0BD*** (***) neck size)
Plenum boxes with either side or top entry made to order - please specify duct diameter

