

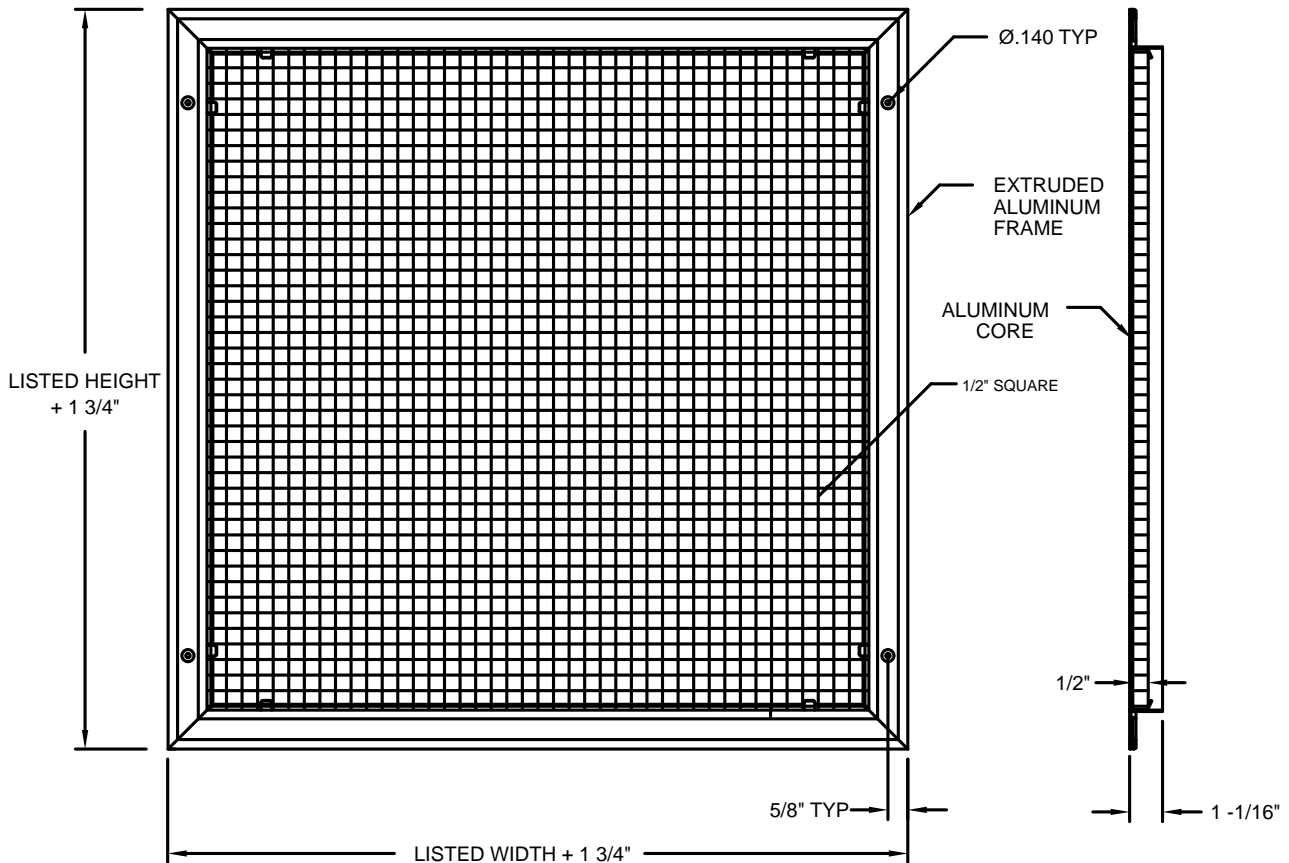
Series ECGE Egg Crate Grille



- ❑ Aluminum construction
- ❑ 1/2" x 1/2" x 1/2" core design with 2" x 2" extruded frame
- ❑ Available in standard White or optional Mill finish
- ❑ Vast sizing options
- ❑ Made in the U.S.A.



Dimensional Drawings



Commercial
Sidewall or Ceiling

Performance Data, Series ECGE

| Unit Size | Overall Size | Face Velocity | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|--------------------|--------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 8 x 8 Ak .22 | 9¾ x 9¾ | Cfm | 66 | 87 | 108 | 130 | 152 | 174 | 195 | 217 |
| | | Ps | 0.008 | 0.010 | 0.013 | 0.018 | 0.023 | 0.031 | 0.039 | 0.049 |
| 10 x 10 Ak .40 | 11¾ x 11¾ | Cfm | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 |
| | | Ps | 0.008 | 0.010 | 0.014 | 0.018 | 0.024 | 0.031 | 0.040 | 0.050 |
| 12 x 12 Ak .62 | 13¾ x 13¾ | Cfm | 186 | 249 | 311 | 373 | 435 | 497 | 559 | 622 |
| | | Ps | 0.010 | 0.011 | 0.014 | 0.018 | 0.025 | 0.032 | 0.041 | 0.051 |
| 14 x 14 Ak .86 | 15¾ x 15¾ | Cfm | 258 | 345 | 431 | 517 | 603 | 689 | 775 | 862 |
| | | Ps | 0.010 | 0.011 | 0.014 | 0.019 | 0.025 | 0.032 | 0.041 | 0.052 |
| 16 x 16 Ak 1.10 | 17¾ x 17¾ | Cfm | 330 | 440 | 550 | 660 | 770 | 880 | 990 | 1100 |
| | | Ps | 0.010 | 0.012 | 0.015 | 0.019 | 0.025 | 0.033 | 0.042 | 0.052 |
| 18 x 18 Ak 1.51 | 19¾ x 19¾ | Cfm | 453 | 604 | 756 | 907 | 1058 | 1209 | 1360 | 1511 |
| | | Ps | 0.011 | 0.013 | 0.015 | 0.019 | 0.026 | 0.033 | 0.042 | 0.054 |
| 20 x 20 Ak 1.88 | 21¾ x 21¾ | Cfm | 564 | 751 | 939 | 1127 | 1315 | 1502 | 1690 | 1878 |
| | | Ps | 0.011 | 0.013 | 0.015 | 0.019 | 0.026 | 0.034 | 0.043 | 0.055 |
| 24 x 24 Ak 2.71 | 25¾ x 25¾ | Cfm | 813 | 1083 | 1354 | 1625 | 1895 | 2166 | 2437 | 2708 |
| | | Ps | 0.012 | 0.014 | 0.016 | 0.020 | 0.027 | 0.034 | 0.043 | 0.056 |
| 30 x 30 Ak 4.16 | 31¾ x 31¾ | Cfm | 1248 | 1665 | 2081 | 2497 | 2913 | 3330 | 3746 | 4162 |
| | | Ps | 0.012 | 0.014 | 0.016 | 0.020 | 0.027 | 0.035 | 0.044 | 0.057 |
| 36 x 36 Ak 5.81 | 37¾ x 37¾ | Cfm | 1743 | 2325 | 2906 | 3487 | 4068 | 4650 | 5231 | 5812 |
| | | Ps | 0.013 | 0.015 | 0.017 | 0.021 | 0.028 | 0.036 | 0.045 | 0.058 |
| 48 x 48 Ak 9.38 | 49¾ x 49¾ | Cfm | 2814 | 3751 | 4689 | 5626 | 6564 | 7502 | 8439 | 9377 |
| | | | 0.014 | 0.016 | 0.019 | 0.023 | 0.031 | 0.039 | 0.049 | 0.061 |

Product Sizes

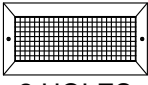
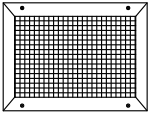
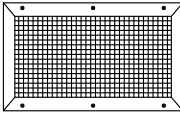
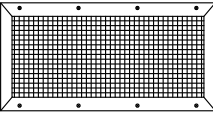
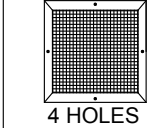
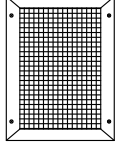
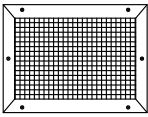
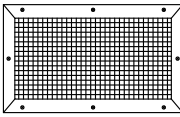
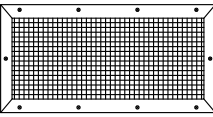
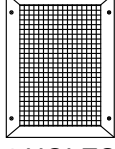
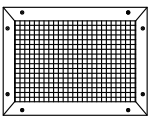
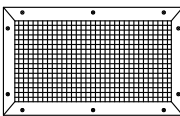
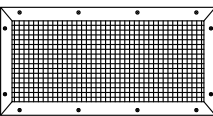
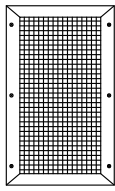
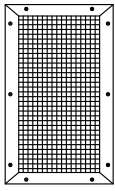
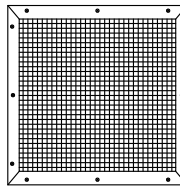
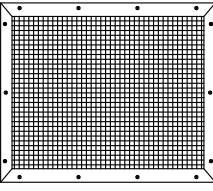
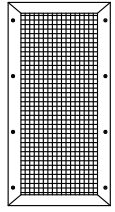
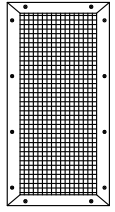
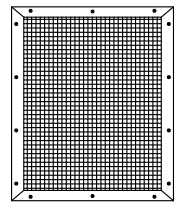
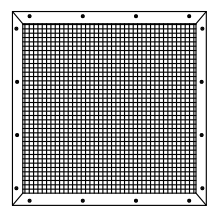
This product is available in a vast number of sizes. The Performance Data above is only for select sizes. See your authorized Continental distributor, or the Continental web site (www.continentalindustries.com) for a complete description of most commonly available sizes for each product.

Calculating CFM for Sizes Not Listed

You can calculate CFM for larger and smaller sizes than those listed in this and other tables. Do so by using CFM data from a listed size and by extrapolating to the desired size.

For example, if you need the value of a 32" x 20" grille, you can use the square size value of a smaller unit and multiply by the square size of the size needed. The 32" x 20" grille has an area of 640 square inches (32 multiplied by 20). In this example you can use a 16" x 20" grille, which has an area of 320 square inches (exactly half of the desired grille size). Thus, the 32" x 20" is 2 times larger. In this case then, simply take the listed CFM for the 16" x 20" unit and multiply by 2 = 678 CFM.

ALUMINUM LINE MOUNTING HOLE LOCATION CHART

| HGT. | WIDTH | | | | | | | | | | HGT. |
|------|---|---|----|----|--|----|---|----|--|----|------|
| | 4 | 8 | 10 | 16 | 18 | 28 | 30 | 36 | 46 | 48 | |
| 4 |  2 HOLES | | | |  4 HOLES | |  6 HOLES | |  8 HOLES | | 4 |
| 8 | | | | | | | | | | | 8 |
| 10 | | | | | | | | | | | 10 |
| 16 | | | | | | | | | | | 16 |
| |  4 HOLES | | | | | | | | | | |
| 18 |  4 HOLES | | | |  6 HOLES | |  8 HOLES | |  10 HOLES | | 18 |
| | | | | | | | | | | | 20 |
| 20 | | | | | | | | | | | 20 |
| 22 |  4 HOLES | | | |  8 HOLES | |  10 HOLES | |  12 HOLES | | 22 |
| | | | | | | | | | | | 28 |
| 28 | | | | | | | | | | | 28 |
| 30 |  6 HOLES | | | |  10 HOLES | |  12 HOLES | |  14 HOLES | | 30 |
| 32 | | | | | | | | | | | 32 |
| 34 | | | | | | | | | | | 34 |
| 36 | | | | | | | | | | | 36 |
| 46 | | | | | | | | | | | 46 |
| 48 |  8 HOLES | | | |  12 HOLES | |  14 HOLES | |  16 HOLES | | 48 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 4 | 8 | 10 | 16 | 18 | 28 | 30 | 36 | 46 | 48 | |
| | WIDTH | | | | | | | | | | |

Always specify width x height