The egg crate grilles are either ceiling mounted or wall mounted air terminal devices used as exhaust air grilles for domestic and industrial applications.

The relatively large effective area of the egg crate grille permits better performance in the return stages. The effective area is 90 percent of the nominal area. This generates low pressure drop and low noise level.

The core of the egg crate grille is made of aluminum strips assembled to form equally distributed and sized square cells.

The frame of the egg crate grille is made of extruded aluminum bars.

Insulating gasket is fixed on request around the back of the frame to prevent infiltration between the frame and the wall.

Finish

- NATURAL ANODIZED ALUMINIUM FINISH
- POWDER COATED TO RAL CODES

Fixing

1) CONCEALED TYPE FIXING (WALL ONLY)

2) VISIBLE SCREW FIXING
**Ordering Key:**

<table>
<thead>
<tr>
<th>E</th>
<th>C</th>
<th>R</th>
<th>B</th>
<th>SIZE</th>
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</thead>
<tbody>
<tr>
<td>ECR: EGG CRATE REGISTER (WITH OBD)</td>
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<tr>
<td>ECG: EGG CRATE GRILLE (WITHOUT OBD)</td>
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<tr>
<td>ECR/ECG: COMBINED</td>
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<tr>
<td>- WITHOUT OBD</td>
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<tr>
<td>B: WITH BLACK OBD</td>
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<tr>
<td>M: WITH MILL FINISH OBD</td>
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</table>

**EGG CRATE GRID**

- Sheet thickness 0.45mm

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**Types of Fixing:**

- Natural anodized aluminium finish
- Powder coated to RAL codes
- The fresh air grille is composed of a return grille that is either an egg crate grille or fixed blade grille which is fixed to a frame that contains a filter by means of steel hinges.
- The frame and the return grille are made of extruded aluminum bars.
- The filter is made of washable aluminum media. It is fixed at the back of the grille and is easily removable. The aluminum filter is 25mm thick.
- The fresh air grille can be opened like an ordinary door to give flexibility to access the filter for either cleaning or changing.
- Insulating gasket is fixed around the back of the frame to prevent infiltration between the frame and the wall.
- The fresh air grilles are used in cooling and ventilation application. The existence of filter provides the entrance of clean air that does not contain dust or unwanted objects.