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.

**Finish**

- Natural anodized aluminium finish
- Powder coated to RAL codes

**Fixing**

Types of Fixing:
Visible screw fixing
1) Filter Grille with Fixed Blade Core:
The core of this type of filter grille is composed of a set of blades that are fixed at 45° angle.

2) Filter Grille with Egg Crate Core:
This type has an advantage of providing a free area of about 90 percent. The egg crate core is made as 0.45 mm thick aluminium strips.
The size of the cells is 14.5 mm x 14.5 mm.

Ordering Key:

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<th>A</th>
<th>G</th>
<th>H</th>
<th>45</th>
<th>SIZE</th>
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<tr>
<td>FAGH45: Hinged 45° Single Deflection Grille with Aluminium Filter</td>
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<td>FAGH: Hinged Single Deflection Grille with Aluminium Filter</td>
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<td>FECH: Fresh Egg Crate Hinged with Aluminium Filter</td>
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<td>45: Blades are fixed at 45°</td>
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