

Eyelash diffusers (ELD)

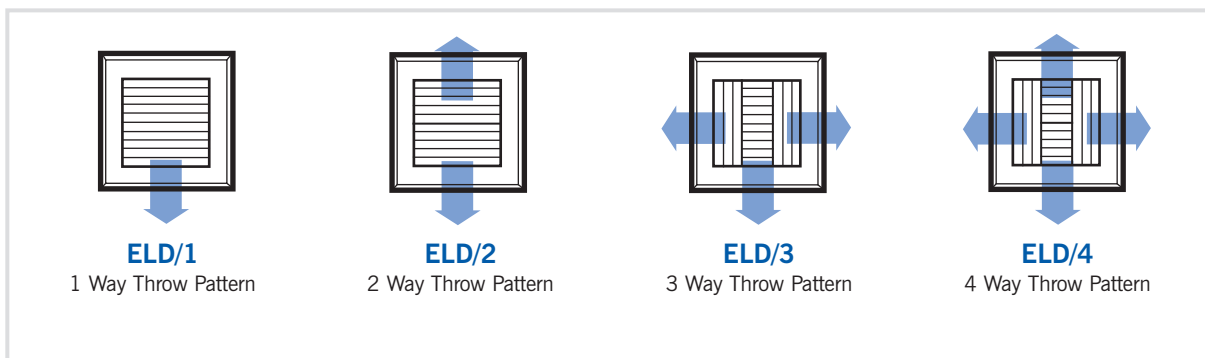
Eyelash diffusers (ELD) are suitable for supply air diffusion in ceiling applications. They are particularly useful in handling high volume/reduced throw situations. The curved blades can be arranged for 1, 2, 3 and 4

way throw patterns and can be individually set on site to adjust the air flow from horizontal to near vertical protection. Available options are Opposed Blade Dampers (OBD), Equalising Grids (EQG) and Plenum Boxes (PLB).

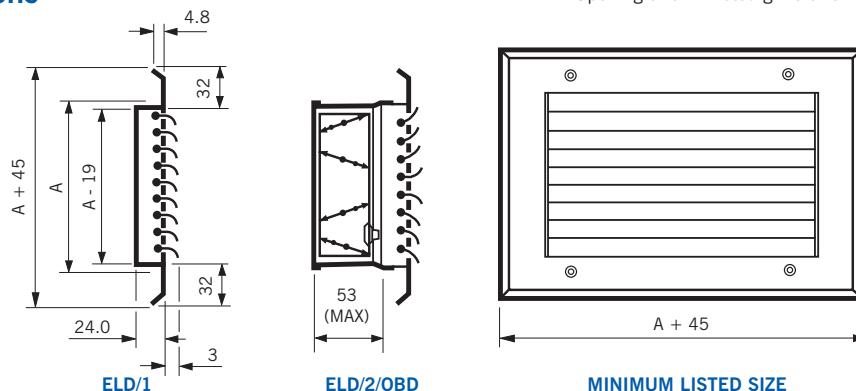
ELD diffusers are manufactured from extruded aluminium sections, the mitred corners being fully welded and finished. Finally they are stove enamelled RAL 9010 white as standard. Other finishes are available.

D01

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Dimensions



MINIMUM LISTED SIZE

- 1 Way 100 x 100mm
- 2 Way 100 x 100mm
- 3 Way 300 x 150mm
- 4 Way 300 x 150mm

Eyelash grilles are available up to 600 x 600mm square. Larger sizes can be manufactured by the use of internal mullions.

Fixing methods

FMA: Screw fixing (standard)

FMB: FMB - Subframe with concealed screw fixings (suitable for a maximum face area of 0.36m²)

Performance data

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Select an opening size to give a suitable volume of air to be handled. Protect a line between the selected dimensions. From the point of intersection with line

P-P, project a line across to the air flow rate required. Throw (1 way & 2 way blow), Jet Velocity and Total Pressure levels can be determined at the relevant points

of intersection. Throw (3 way & 4 way blow), can be read horizontally.

