

CB – Curved Blade Grilles

Curved blade grilles are primarily used for supply applications. They combine an unconventional appearance, excellent diffusion characteristics and highly adjustable blow patterns to give a brilliant all round unit suitable for almost every application and setting. Just like the traditional Series CD ceiling diffuser, M & M Access Ltd curved blade grilles available in four standard formats to suit every application.

CB1 / CB2 / CB3 / CB4

Construction: Variety of extruded aluminium frames to choose from.

Fully extruded aluminium blades, held in place by high tensile spring wire.

Four standard blow patterns to choose from

Options & Accessories: M & M Access Ltd can supply a standard Curved Blade Grille or a customised grille made to your exact specifications.

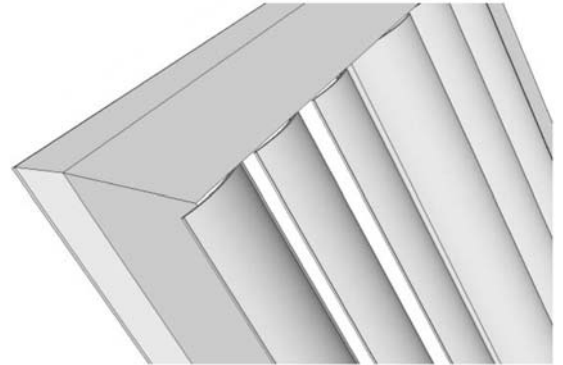
Opposed blade damper – Operated via key/screwdriver through face of grille.

Removable or hinged core – Making maintenance and duct access faster and easier.

Finishes – M & M Access Ltd can polyester powder coat or nylon coat your Curved Blade Grille to any RAL or BS colour, non painted finishes are mill or satin anodised (AA5).

Blanking plate – Blanking plates enable a portion or all of the grille to be disabled, and are also useful for preventing line of sight into ductwork or the ceiling void.

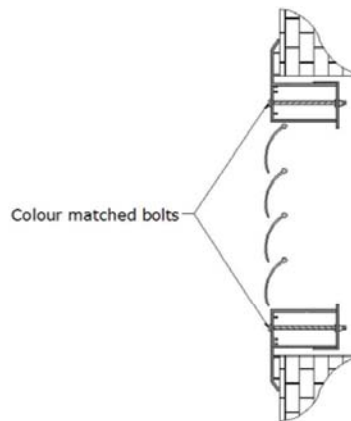
Specialised tiles – M & M Access Ltd can cater for situations where specific tile formats are needed. Please get in touch with our sales team for more information on CBs fitted into tile layouts such as Burgess clip in systems.



Core Options

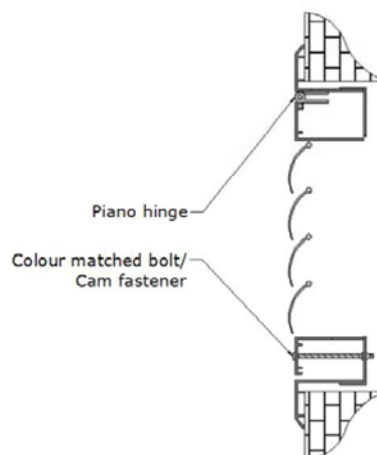
Removable core

A curved blade grille can be manufactured with a removable core to enable complete removal from the frame.. Colour matched bolts are used to hold the inner core into the frame .



Hinged core

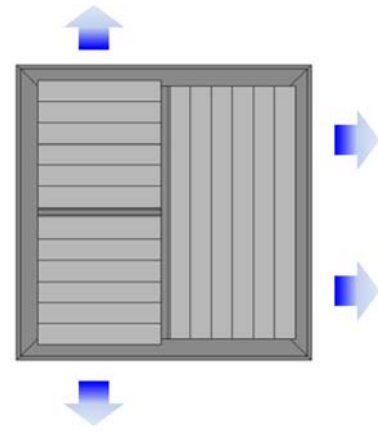
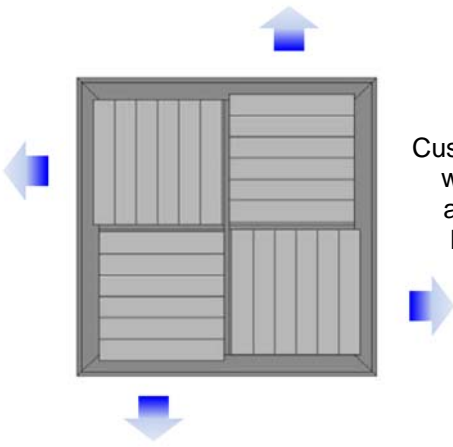
Hinged cores are also available. The blades are held within the interior frame which is held into the exterior frame by a piano hinge on one side and cam fasteners (standard) or colour matched bolts (shown and optional) on the other.



Specials

Non Standard Blow Patterns

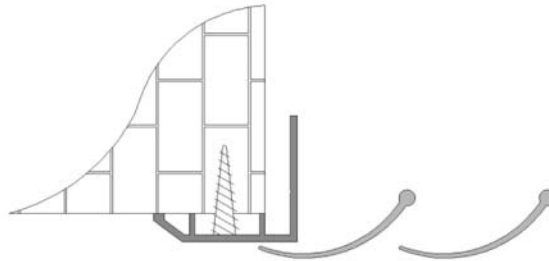
Custom made blow patterns are well within our capabilities, and with a product like curved blade grilles the possible set ups are unlimited. Shown are just a couple of examples of how M & M Access Ltd can make custom curved blade grilles, specific to customer requirements.



Fixing Options

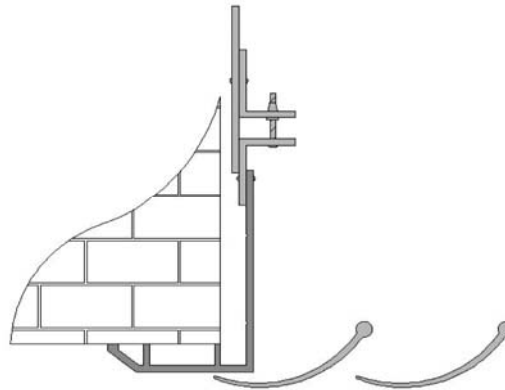
Fixing holes & screws

When using countersunk fixing holes connect the reverse of the grille to the ductwork. Then, simply fix the grille to the wall or ceiling using the supplied screws.



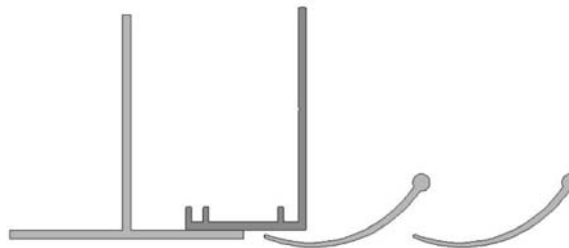
Concealed fixings

If using concealed fixings, fix the top 'L' bracket to the inside of the ductwork. Use the supplied bolt to then bolt the lower 'L' riveted to the grille, to the upper 'L' inside the duct.



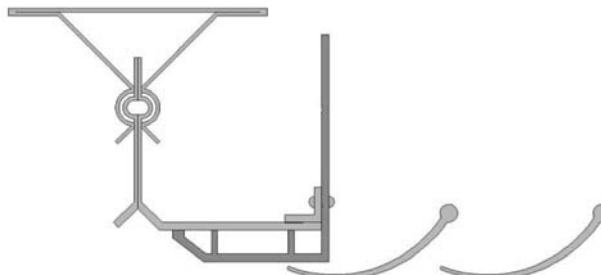
Lay in

Simply lay the grille into the pre-prepared T bar ceiling grid. Please note that a lay in grille would be manufactured with a 25mm flat flange as standard.



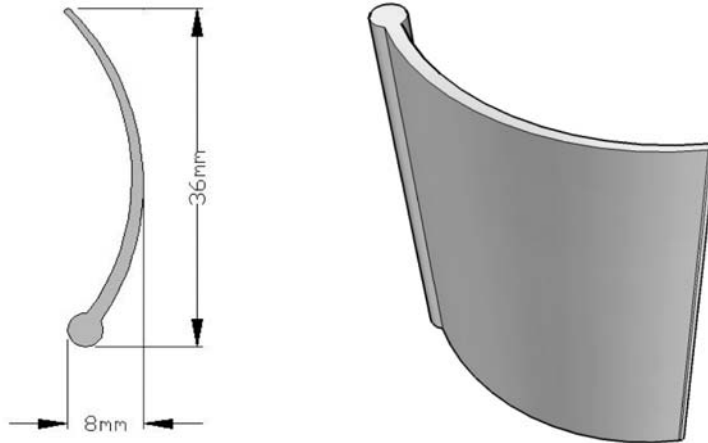
Burgess / other tile system

The grille will be fitted into the tile before despatch. Installation then involves connecting the reverse of the grille to ductwork, and clipping the burgess tile into the pre-prepared ceiling grid.

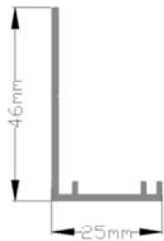


Technical Information

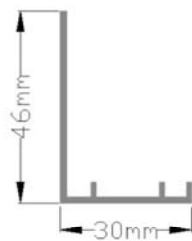
Blade profile



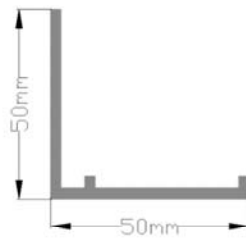
Frame types



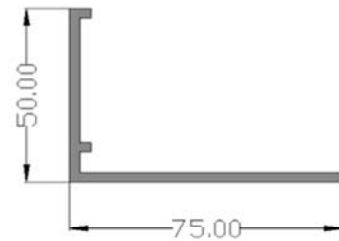
25mm flat flange



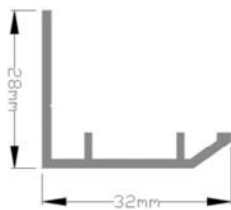
30mm flat flange



50mm flat flange



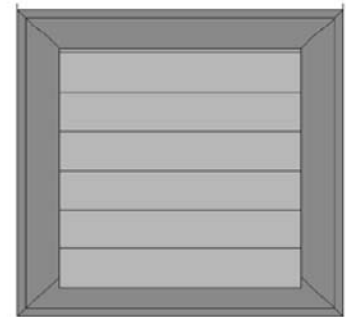
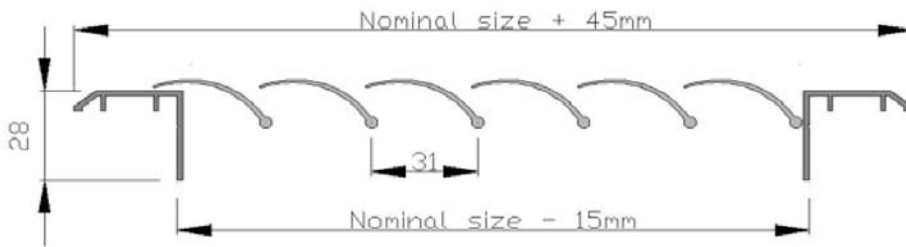
75mm flat flange



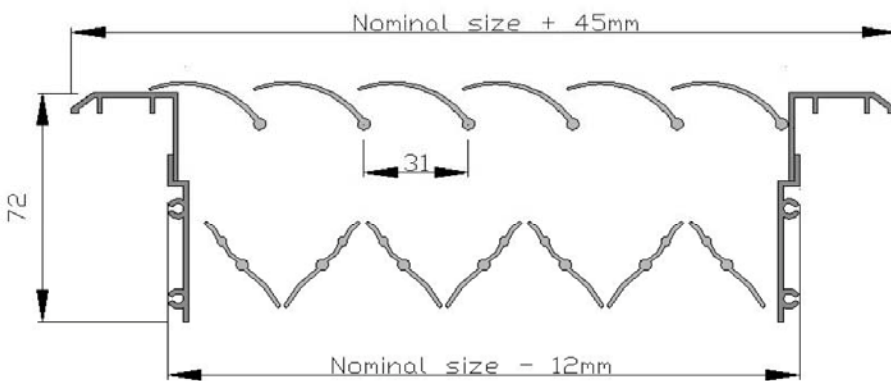
32mm bevelled flange

- Free area – Approx 65% blades fully open, 0% blades fully closed
- SD Mass/M² face area = 8.5KG
- SD/D Mass/M² face area = 16.5KG

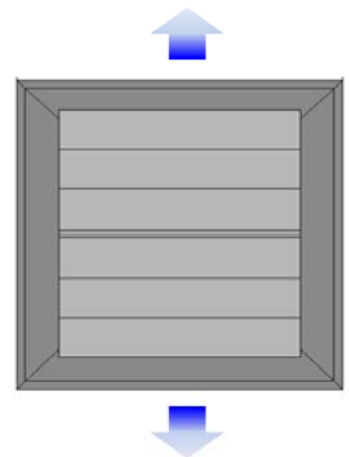
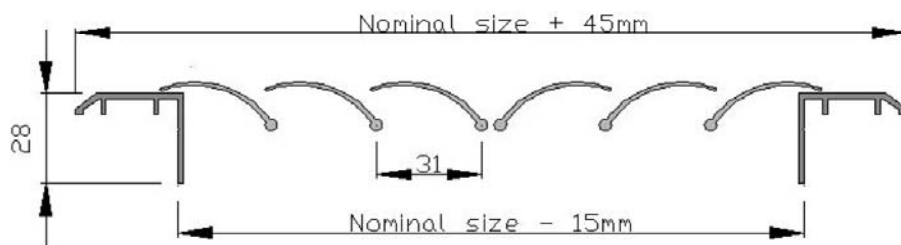
• (___ x ___) – CB1 – 32mm bevelled



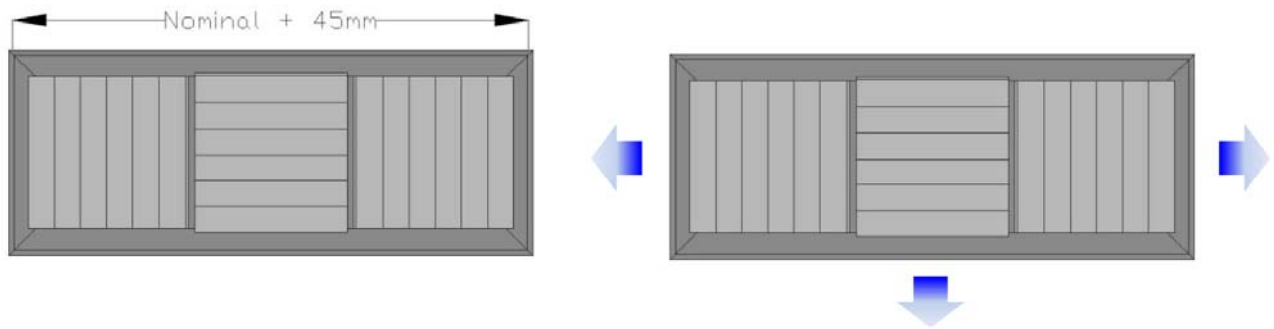
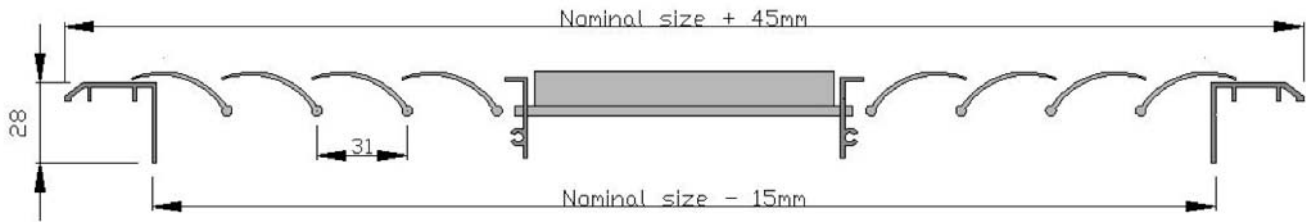
• (___ x ___) –CB2 – 32mm bevelled - D



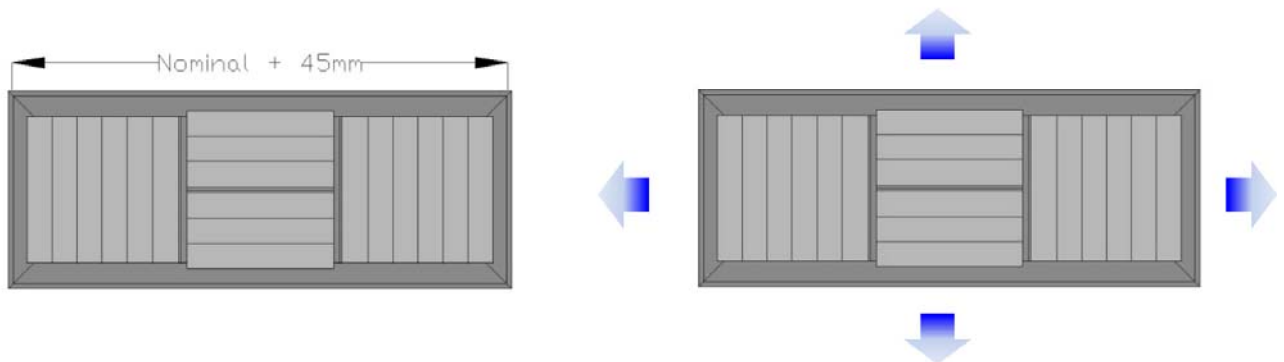
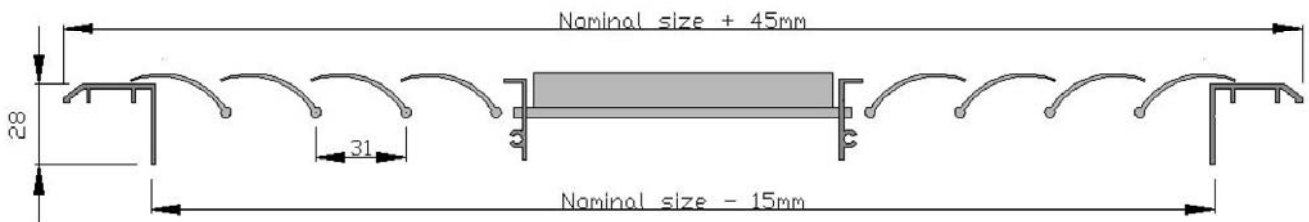
• (___ x ___) –CB2 – 32mm bevelled



• (___ x ___) – CB3 – 32mm bevelled



• (___ x ___) – CB4 – 32mm bevelled



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