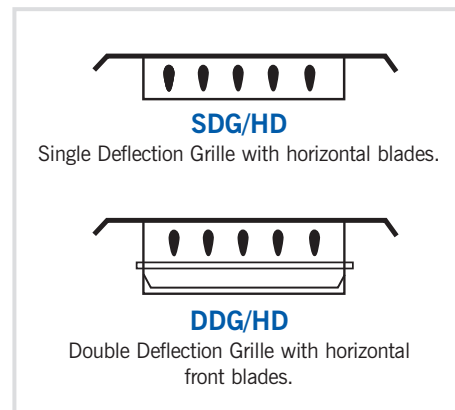


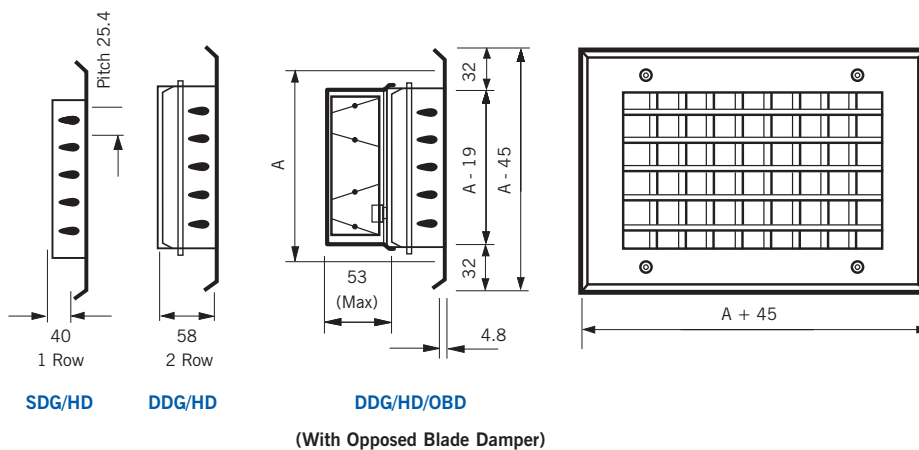
Single and double deflection adjustable grilles SDG/DDG/HD

Adjustable grilles (SDG/HD Single Deflection and DDG/HD Double Deflection) are suitable for supply air for either sidewall or exposed duct applications. They are particularly suited to areas with a high degree of vulnerability or damage; typically Car Parks, Sports Halls or Industrial Projects. The single or double row of blades permit up to 45° deflection of the air, in either one or two planes.

SDG/HD and DDG/HD grilles 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.



Dimensions



Grilles are available to fit duct sizes from 100mm x 100mm up to 1200mm x 750mm as a single unit. Larger units may be produced by the use of internal mullions. The front blades are always parallel to the first dimension. Thus a grille ordered as 600mm x 300mm will not be the same as a grille 300mm x 600mm.

Fixing methods

- FMA:** Screw fixing (standard)
- FMB:** Subframe with concealed screw fixings (suitable for a maximum face area of 0.36m²)
- FME:** Subframes with concealed screw fixings for larger sized grilles
- FML:** Yoke and bracket concealed screw fixing

Performance data

Deflection grilles Heavy duty (SDG/HD & DDG/HD)

To select an opening size suitable for a given air volume. Project a line from the known airflow through the throw required at either 0° or 45° deflection and

intersect line P-P. Preferred opening sizes can be obtained by pivoting around this point.

