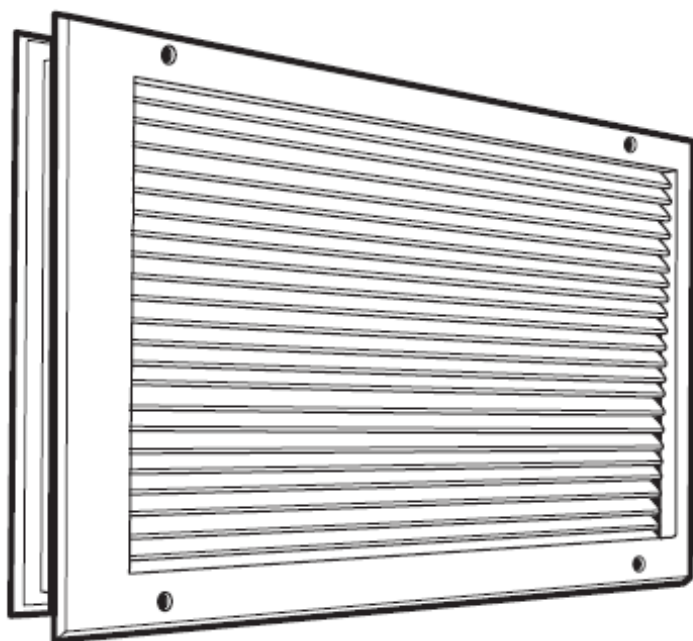


NON VISION GRILLE



Non vision grilles (NVG) are suitable for the transfer of air through doors or walls but where 'through vision' is not required (free area 41%).

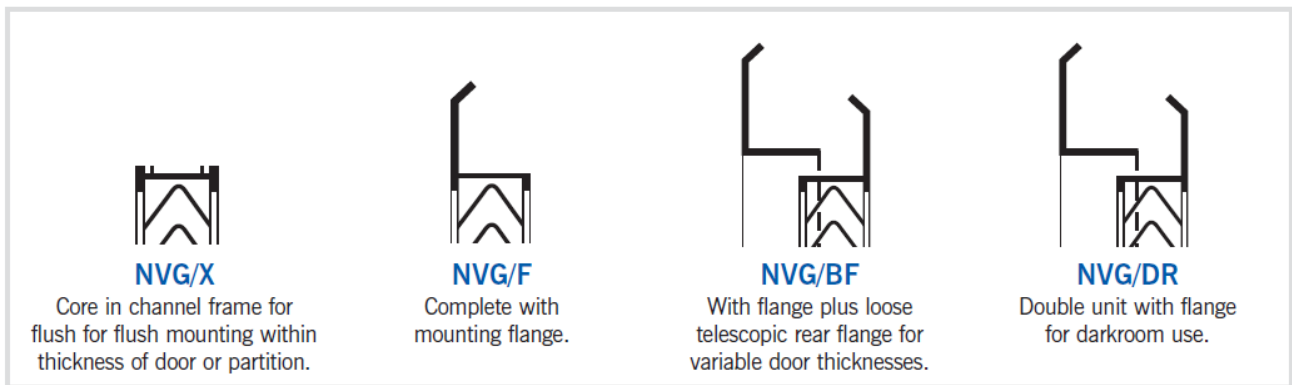
Double banked units can be used for darkroom applications

(NVG/DR). NVG grilles are manufactured from extruded aluminium sections, the mitred corners being fully welded and finished.

Finally the NVG is stove enamelled RAL 9010 white

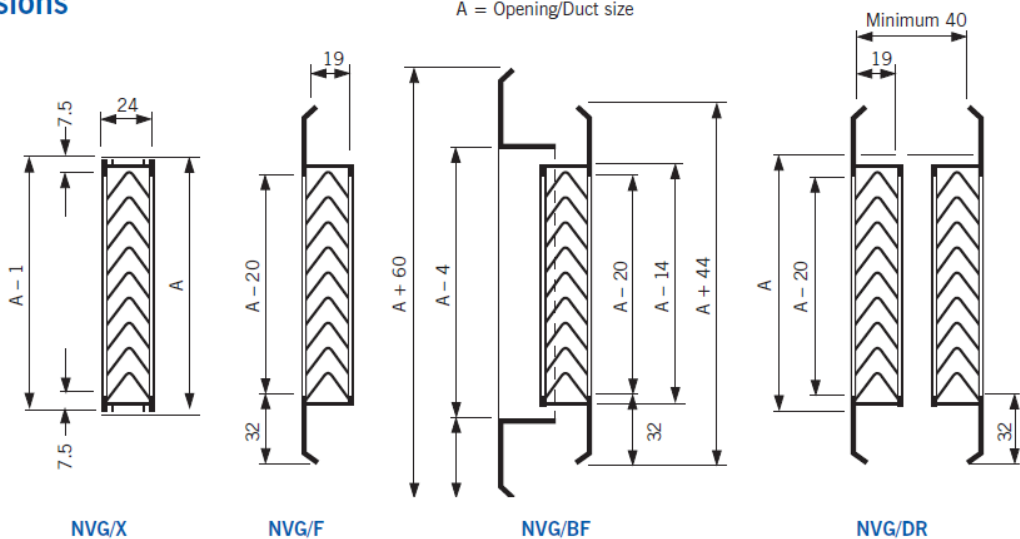
as standard and the NVG/DR is egg shell black as standard.

Other finishes are available.



Dimensions

A = Opening/Duct size



Grilles are available to fit openings from 100mm x 100mm up to 600mm x 600mm as a single unit. NVG/DR grilles are only suitable for a minimum door or partition thickness of 40mm.

Fixing methods

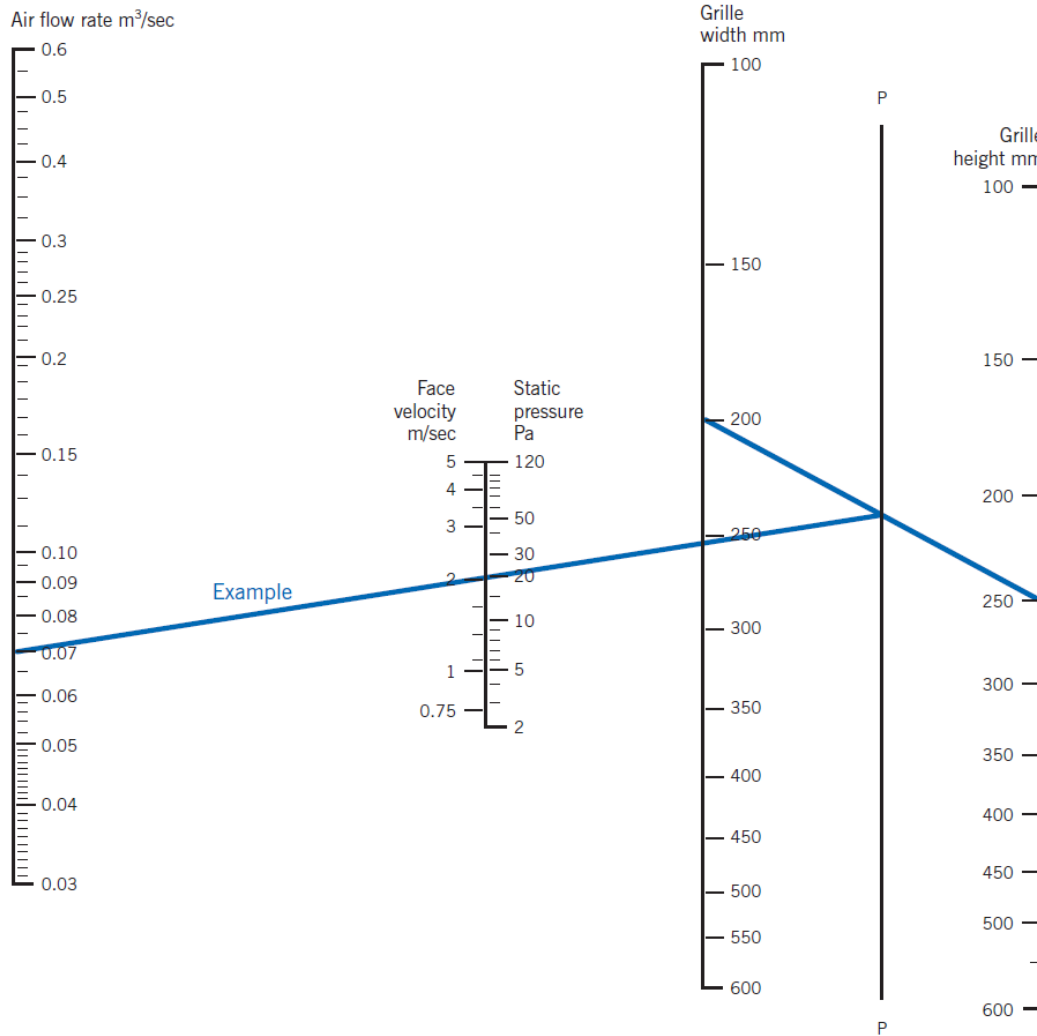
FMA: Screw fixing (standard) for all excluding NVG/X which is suitable for beading in by others.

Performance data

Non vision & darkroom grilles (NVG & NVG DR)

To select an opening size suitable for a given air volume. Project a line from the known airflow to intersect line P-P. Preferred opening sizes can be obtained by pivoting

around this point. Face velocity and pressure drop levels can be determined at the relevant points of intersection.



Example
 Air Flow Rate = 0.07 m^3/sec
 At points of intersection:
 Face Velocity = 2 m/sec
 Pressure Drop = 20 Pa
 Opening Size = 200 x 250 mm