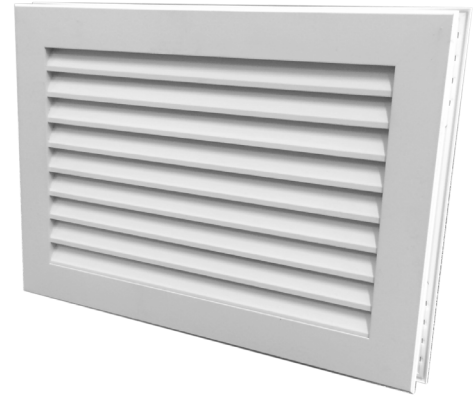


ideal
grilles

Non Vision Transfer Grilles

NG1 / NF1 Series



Product Overview

Idealair Series NG1/NF1 Door Transfer grilles are suitable for door or partition mounting where air is required to be transferred between two areas. The chevron Blade design ensures a **no sight** solution is achieved. Series NF1 comes with a matched backing flange for standard door width applications. For thicker walls, 2 grilles can be mounted either side of the wall to offer the same solution. The grille is also available with no backing flange (Series NG1) if required to suit specific project requirements.

Construction

Frames and blade are manufactured from 6063 T6 extruded aluminium. Frame mitres are mechanically jointed and tig welded on the rear and neck for added strength and rigidity preventing any distortion of the hairline mitres. Grille vanes are set at 20mm centres with the front set of vanes mounted horizontally in the frame as standard. Grilles can be supplied with vertical front blades if required.

Size Range

100 x 100mm to 1000 x 1000mm nominal size in 50mm increments. Special sizes and multiple units are available on a made to order basis. Please enquire for details.

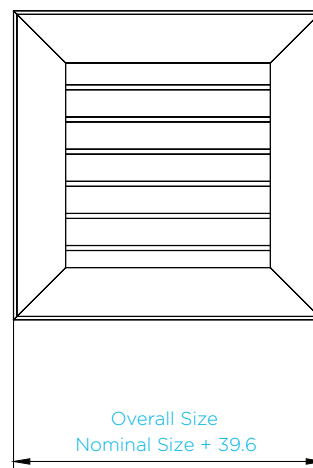
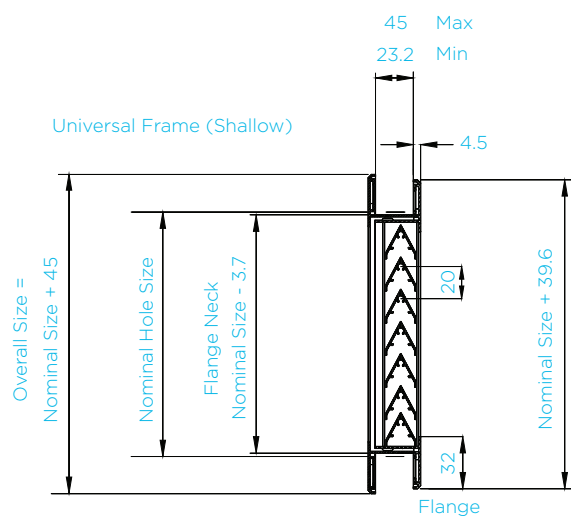
Fixing

Grilles are supplied with countersunk holes as standard. Alternative fixing methods are available on request.

- N** - No fixing provided (fixing by others)
- S** - Countersunk flange holes

Finish

- MF** - Mill Finish (Standard)
- PPC RAL** - Stock RAL colours available to order



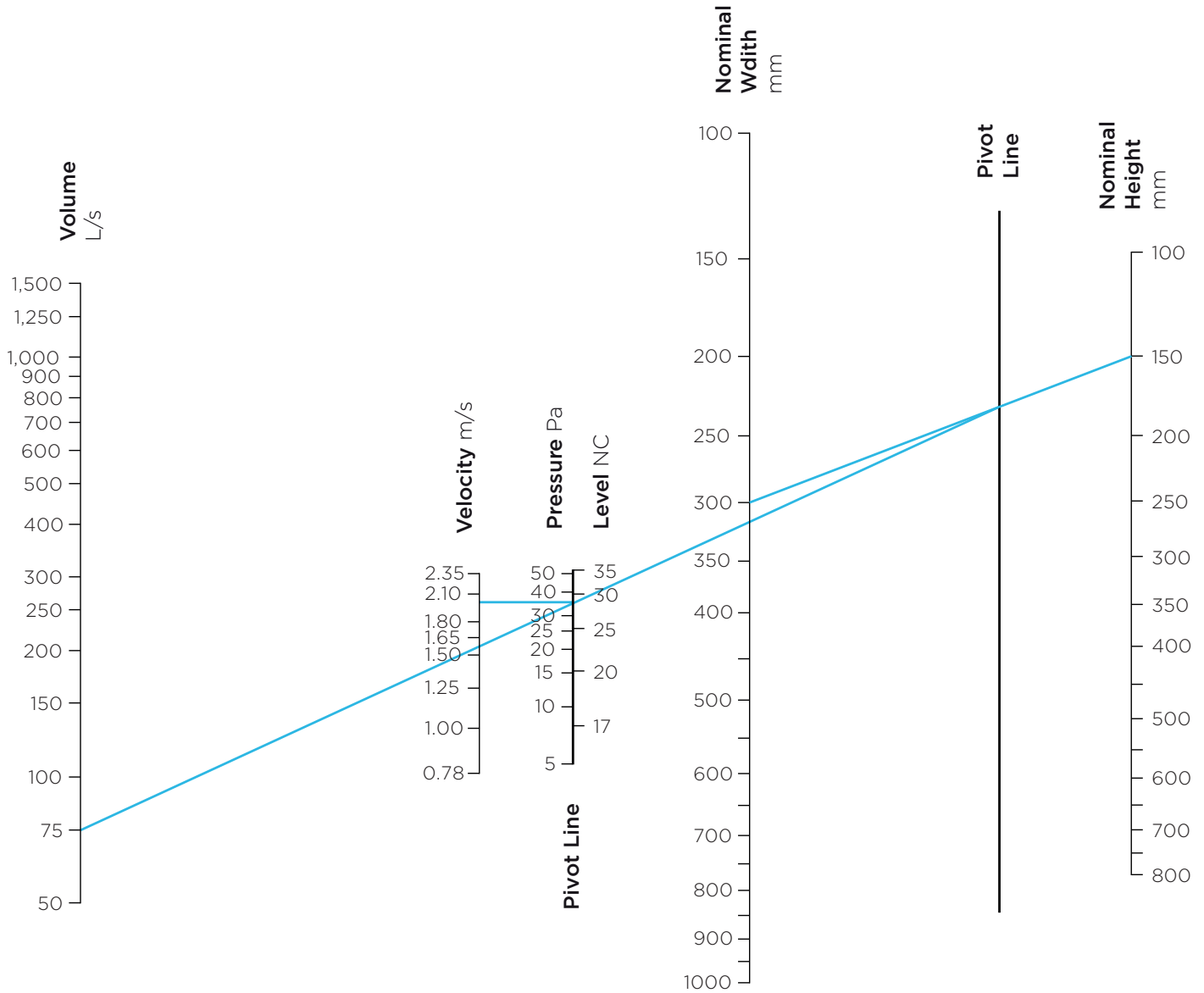
All measurements in millimetres (mm)

Non Vision Transfer Grilles

Selection Nomogram

Selection Example:

- *300 x 150 Grille supplying 75 L/s
- *Pa = 35
- *NC Level = 28
- *Velocity m/s = 1.97



Placing an order

Example Product Code					
NG1	O250	O250	NOM	S	MF

Terminal Velocity m/s	0.5	0.4	0.25
Throw Multiplier	0.8	1	1.5

Series	Size mm*	Dimensional Selection		Fixing		Finish			
		Width	Height						
NG1	Grille only (no backing frame)	O100	O100	NOM	Nominal opening size or duct size	N	No fixing (fixing by others)	MF	Mill Finish
NR1	Grille with backing frame	1000	1000	NK	Neck size of the grille	S	Countersunk flange holes	RAL	PPC RAL colours
				AF	Across flange size of the grille				

*Sizes in 50mm increments
When ordering please state requirement from each column: Series, Size, Dimensional Selection, Fixing & Finish.