

AIRFOIL



GRILLES
DUCT
FITTINGS

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HALF CHEVRON GRILLE (3AR45)

The Airfoil Half Chevron is manufactured from high quality extruded aluminium. It is suitable for use as either a sidewall or ceiling mount return air grille. The half chevron features horizontal fixed louvre blades spaced at 30mm centres. The total free area is approximately 70% and are ideal for wall or ceiling return as well as air transfer applications.

Half Chevron Grille Options

- > Fixed core, removable core or hinged core with filter
- > Fixed core flange size: 12mm, 25mm standard, 38mm
- > Standard natural anodised, or white powder finishes
- > Removable core flange size: 25mm standard, optional 12mm and 25mm standard, 38mm
- > Hinged core with filter flange sizes: 25mm standard, optional 12mm or 38mm
- > Non-standard colours or finishes available on request

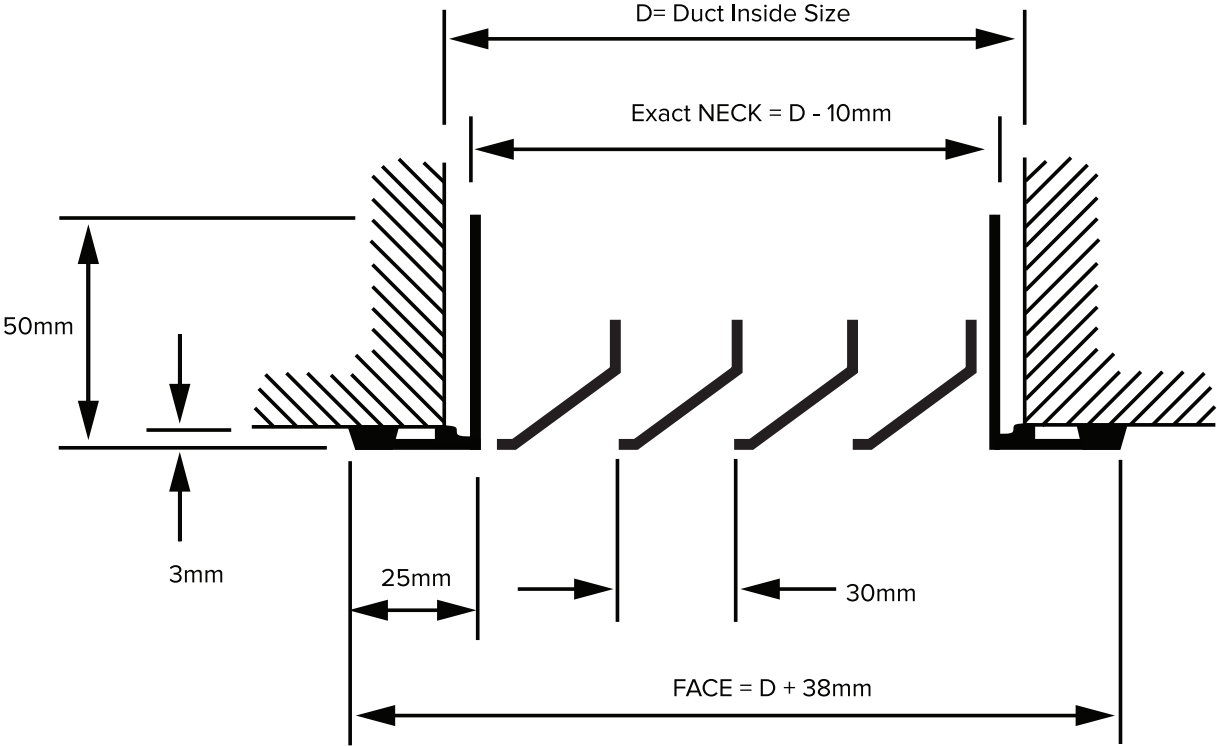
Product specification codes:

3AR45	Fixed core half chevron grille.	Specification: Product code + size.
H3AR45	Hinged core half chevron grille.	Example: RC3AR45 300x150
H3AR45/F	Hinged core half chevron grille with filter.	Removable core half chevron grille
RC3AR45	Removable core half chevron grille.	300mm x 150mm.



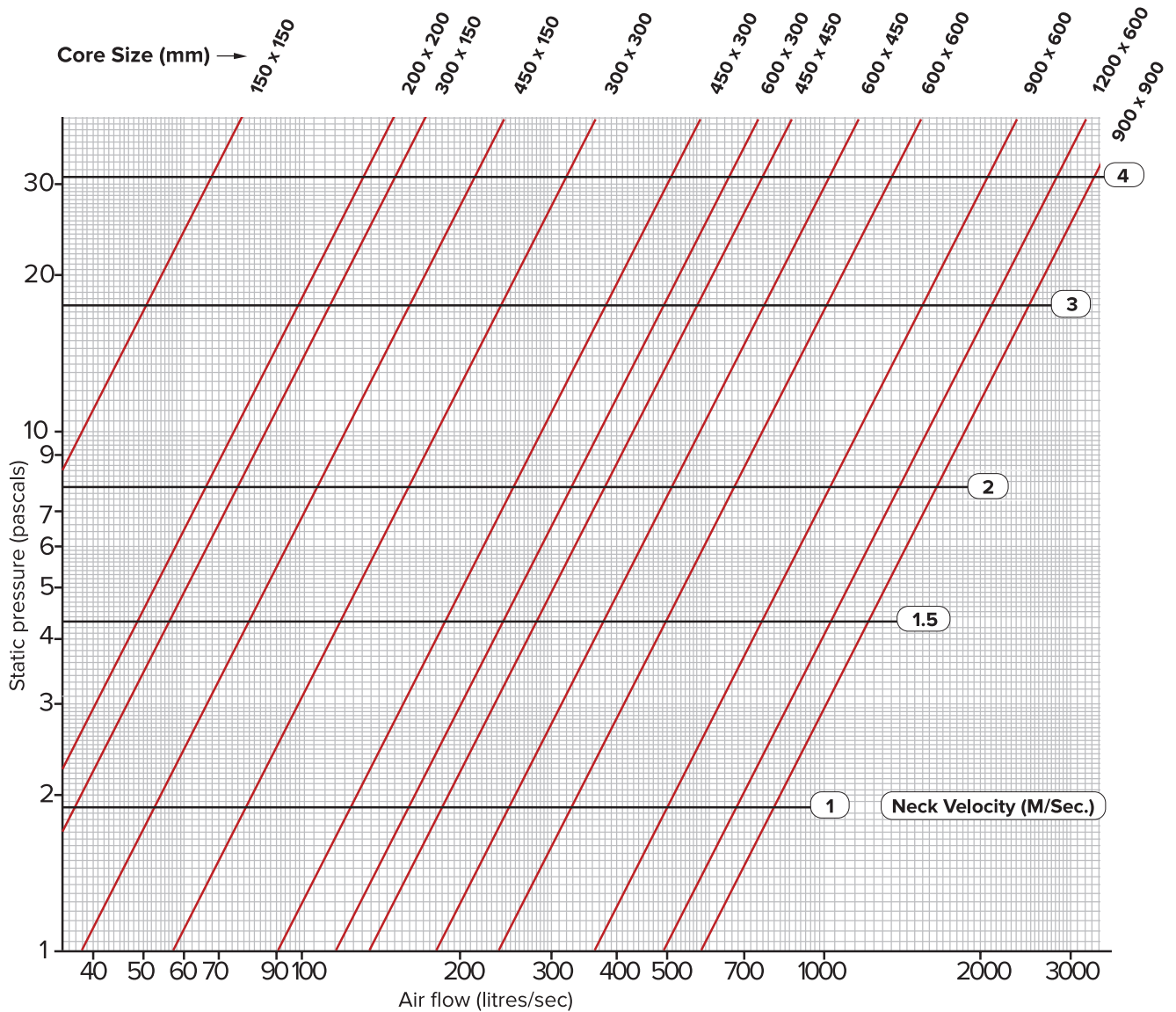
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Cross sectional diagram



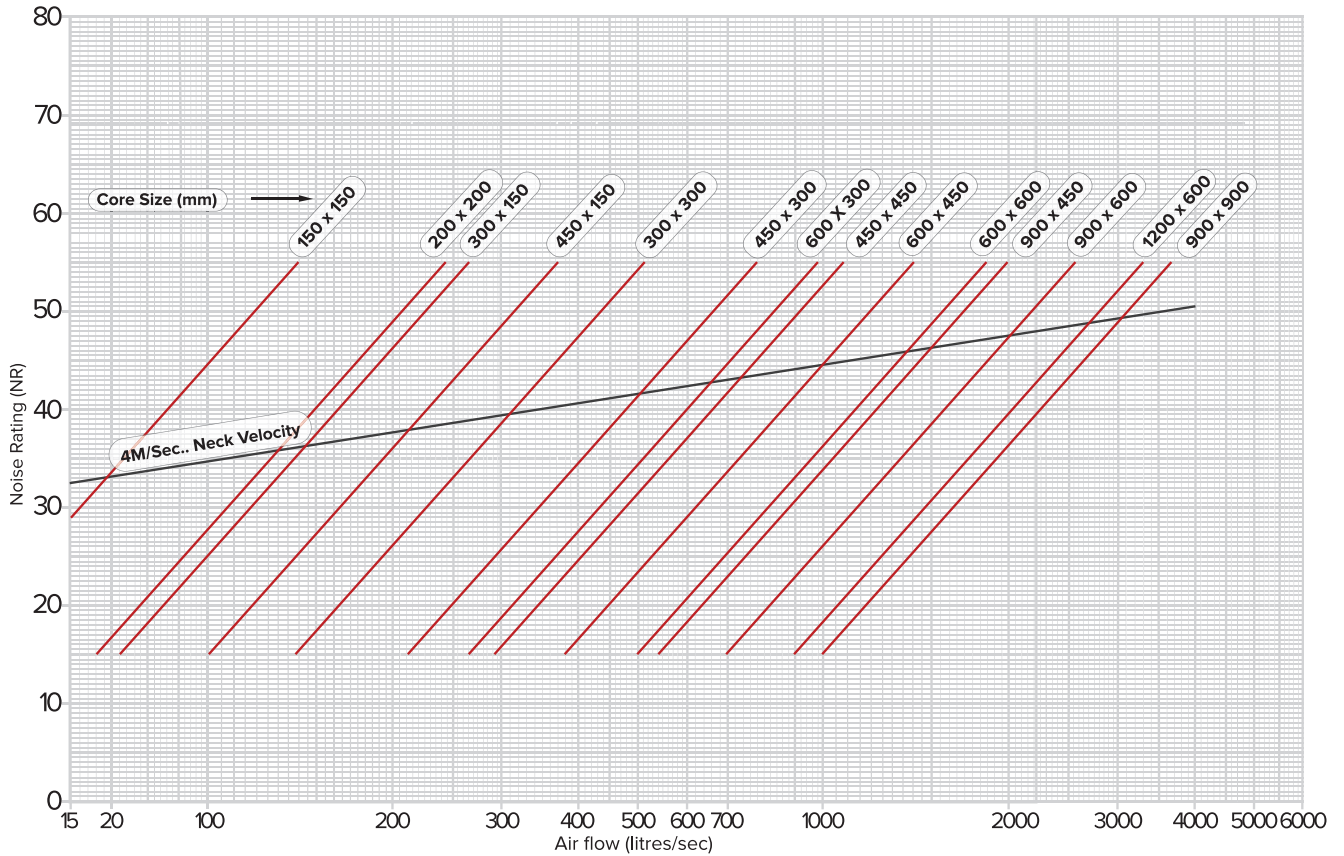
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Performance Data
Static pressure vs airflow for various core sizes



HALF CHEVRON GRILLE (3AR45)

Performance Data
Noise level vs airflow for various core sizes



Selection and performance data have been derived from testing in the laboratories of acoustic and vibration engineers Louis A. Challis & Associates Pty. Ltd. , 246-248 Dowling, Street, Kings Cross, Sydney 2000.