



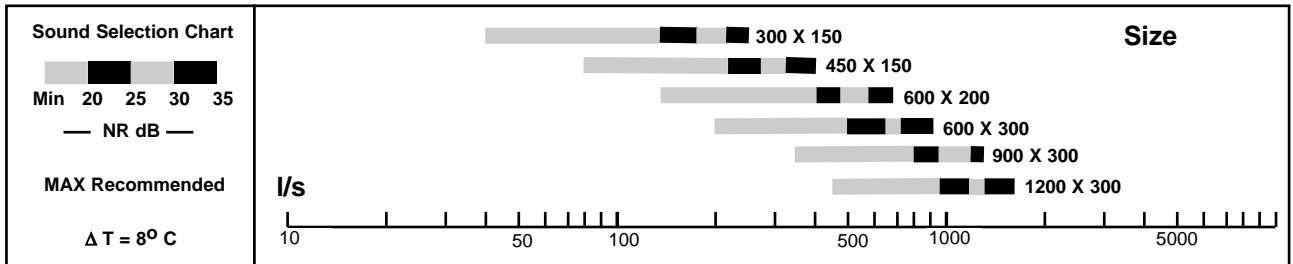
DOUBLE DEFLECTION GRILLE

1.12

AUS2



Selection Guide



Ordering procedure

Using the chart below select your requirement and substitute the underscored text below.

Type..X..Y (X & Y are the nominal neck sizes of the grille, see overleaf.)

Example: If your requirement is for a 12" x 6" (300mm x 150mm) grille, the ordering code would be **AUS21206** (When ordering it is not necessary to include the periods [..])

Specials: Special sizes are available up to a maximum of 500mm in the "Y" dim and 2400mm in the "X" dim. Please contact you nearest Bradflo office.

Product Size Numbers															
"Type"	"X" Size	"Y" Size										Colour			
		06 (150)	08 (200)	10 (250)	12 (300)	14 (350)	16 (400)	18 (450)	20 (500)						
AUS2 (Fixed core)	12 (300)													white	
	14 (350)														
	16 (400)														
	18 (450)														
	20 (500)														
	22 (550)														
	Special	24 (600)													
	26 (650)														
	28 (700)														
	30 (750)														
	32 (800)														
	34 (850)														
	36 (900)														

1.12

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DOUBLE DEFLECTION GRILLE



Description

The 1.12 (AUS2) grilles are designed for use in supply and return air applications.

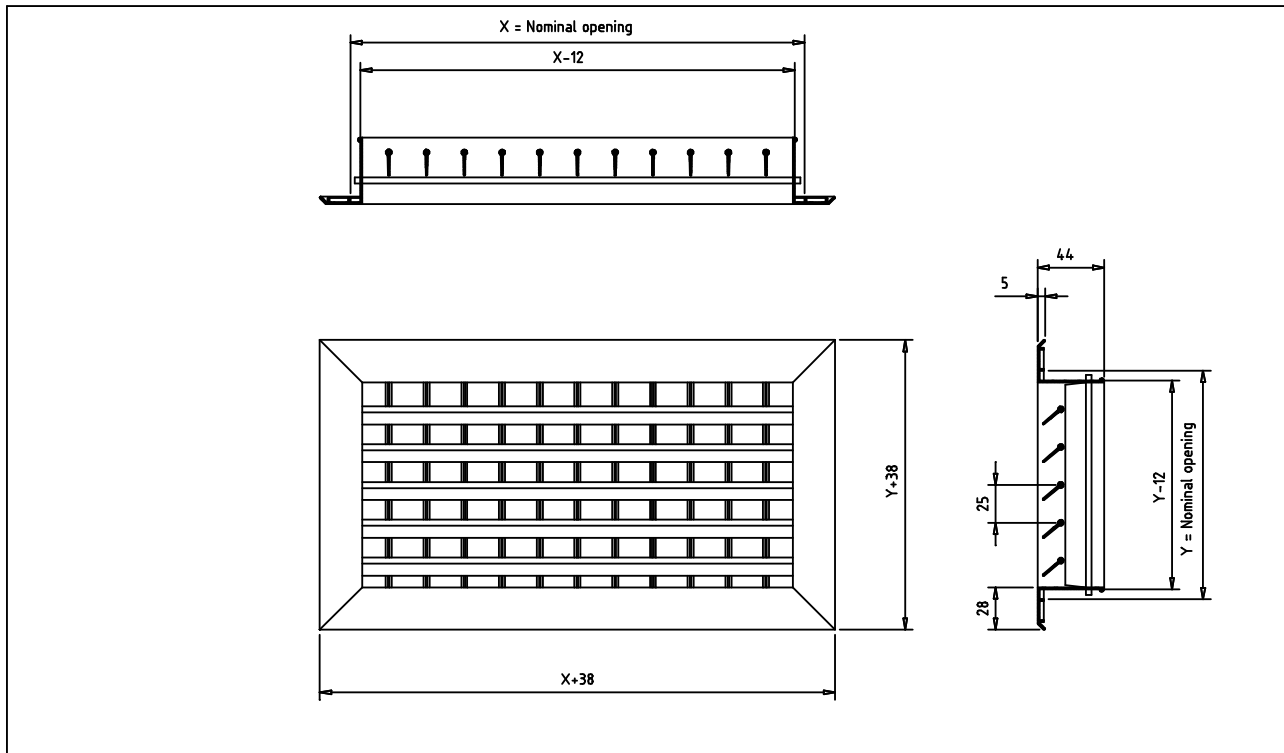
Double deflection grilles have horizontal front blades with vertical rear blades.

All grilles feature attractively designed extruded aluminium features. The blades are designed to provide optimum air flow and low sound pressure level performance.

Standard finishes are natural anodised or powder-coat white. There are 15 other standard colours available at no extra cost. Please contact your nearest Bradflo branch for colour selection.

Other non standard sizes and finishes are available as special upon request.

Design dimensions





DOUBLE DEFLECTION GRILLE

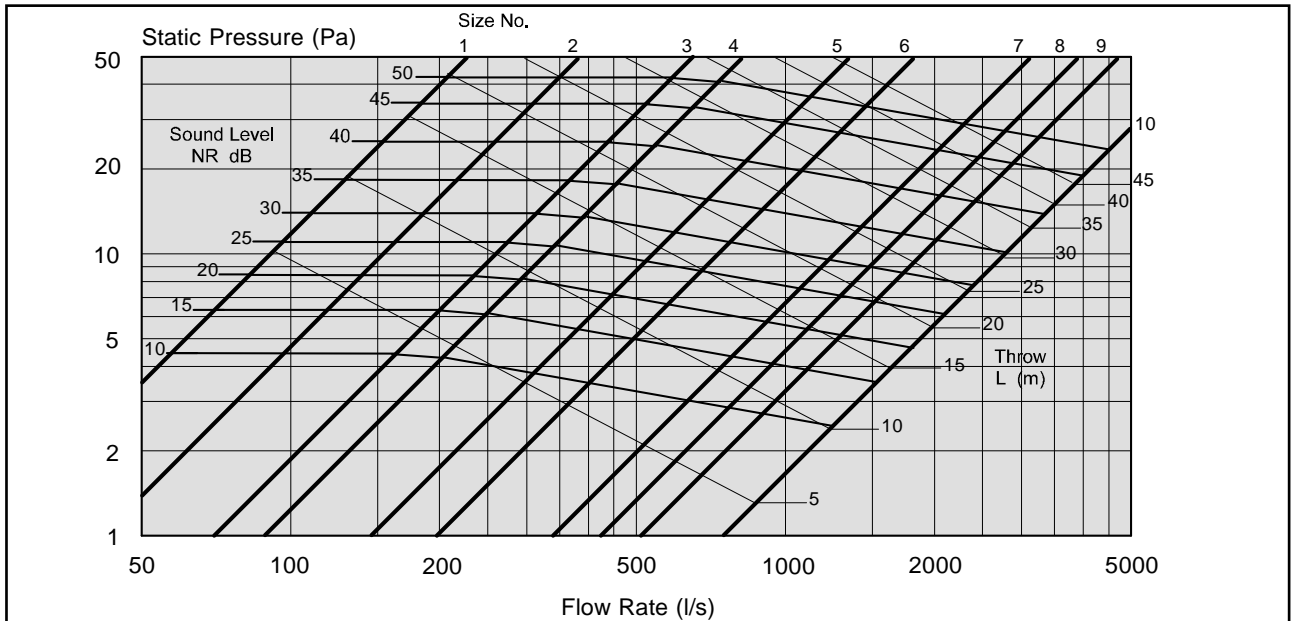
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Engineering Graphs

Throws shown are to a terminal velocity of 0.25 m/s.

Performance data (AUS2)



These graphs are for selection only and should not be used for commissioning.

Example:

An airflow of 500 l/s using size No.6 will give a pressure drop of 6Pa, an NR rating of 18 and a throw of 11 metre with a terminal velocity of 0.25 m/s.

Performance Nomogram

- Notes: (i) Throw data is in metre at a terminal velocity of 0.25 m/s.
- (ii) Deflection is 0°
- (iii) Throws are based on isothermal air supply.

		ASPECT TABLE FOR SIZE NUMBERS										
		Height (mm)										
		100	150	200	250	300	350	400	450	500	550	600
Width (mm)	200	1.00										
	250	1.25	2.00									
	300	1.50	2.25	3.00								
	350	1.75	2.50	3.50	4.00							
	400	2.00	3.00	4.00	4.25							
	450	2.25	3.25	4.00	4.50							
	500	2.50	3.75	4.25	5.00	5.50						
	550	2.75	4.00	4.50	5.25	5.75						
	600	3.00	4.00	4.75	5.50	6.00	6.25					
	650	3.25	4.25	5.00	5.50	6.00	6.25	6.50				
	700	3.50	4.50	5.25	5.75	6.25	6.50	6.75	7.00	7.25		
	750	3.75	4.50	5.25	6.00	6.25	6.50	6.75	7.25	7.25	8.00	
800	4.00	4.75	5.50	6.00	6.25	6.75	7.00	7.50	8.00	8.25		
850	4.00	5.00	5.75	6.25	6.50	6.75	7.25	7.75	8.25	8.50	9.00	
900	4.00	5.00	6.00	6.25	6.50	7.00	7.50	8.00	8.50	9.00	9.00	
950	4.25	5.25	6.00	6.25	6.75	7.25	7.75	8.25	8.75	9.00	9.25	
1000	4.25	5.25	6.00	6.50	6.75	7.25	8.00	8.50	9.00	9.25	9.50	
1050	4.50	5.50	6.00	6.50	7.00	7.50	8.25	8.75	9.00	9.25	9.50	
1100	4.50	5.50	6.25	6.50	7.00	7.75	8.25	9.00	9.25	9.50	9.75	
1150	4.75	5.75	6.25	6.75	7.25	8.00	8.50	9.00	9.25	9.50	9.75	
1200	4.75	6.00	6.25	6.75	7.50	8.25	8.75	9.00	9.50	9.75	10.00	