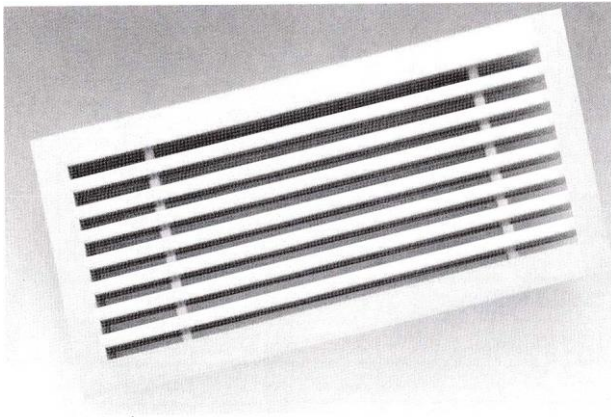


Model FG Floor Grille



Features

- Pencil proof design.
- Solid extruded blades.

Finish

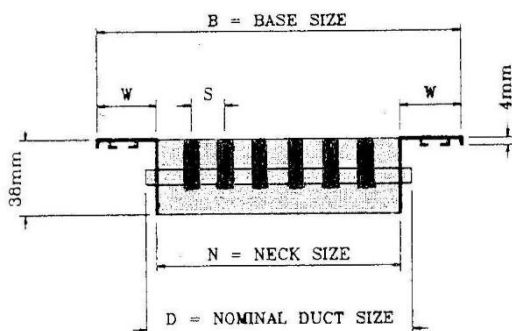
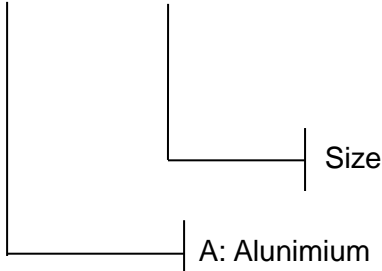
- Standard – Mill.
- Special – Polyester powder.

Accessories

- Opposed blade damper (OBD).

Model FG floor grilles are specifically designed for cill and floor application where light foot traffic will be experienced.

Order Code



Neck Size $N = D - 12\text{mm}$
Base Size $B = N + 2 \times W$
Boarder Width $W = 19, 32\text{mm}$
Bar Spacing $S = 10 \text{ mm}$

Model FG Floor Grille



Performance Data

Neck Size mm	Parameter	Air Flow Rate (l/s per meter)												
		75	100	125	150	175	200	250	300	400	600	800	1000	
100	Throw m	1.5	2.3	2.7	3.2	3.6	4.2	4.9	5.5	7.3				
	NR	-	-	-	20	22	26	32	36	45				
	SP Pa	1	3	4	6	7	10	16	22	32				
150	Throw m			1.5	2	2.4	2.7	3.3	3.8	5.1	6.6			
	NR			-	-	-	2	20	24	32	41			
	SP Pa			2	3	4	5	7	9	18	37			
200	Throw m				1.3	1.7	2	2.5	2.7	4	5	6.2	7.2	
	NR				-	-	-	-	17	26	32	39	44	
	SP Pa				1	2	3	4	4	10	17	30	47	
300	Throw m							1.3	1.8	2.7	3.6	4.5	5.5	
	NR							-	-	-	22	30	37	
	SP Pa							1	2	4	7	13	21	
450	Throw m									1.6	2.5	3.1	3.8	
	NR									-	-	12	24	
	SP Pa									2	4	6	9	
600	Throw m									1.2	2.0	2.7	3.4	4.3
	NR									1	2	4	7	11
	SP Pa									-	-	-	20	28

NR level is the peak level on a noise rating curve based on sound power level re $10^{-12}W$ less 8dB for room absorption.

Throw is the perpendicular distance from grille face at which the velocity of the airstream has retarded to 0.5m/s.

SP is the static pressure loss

Use interpolator to determinate the performance of grille size not on the list.