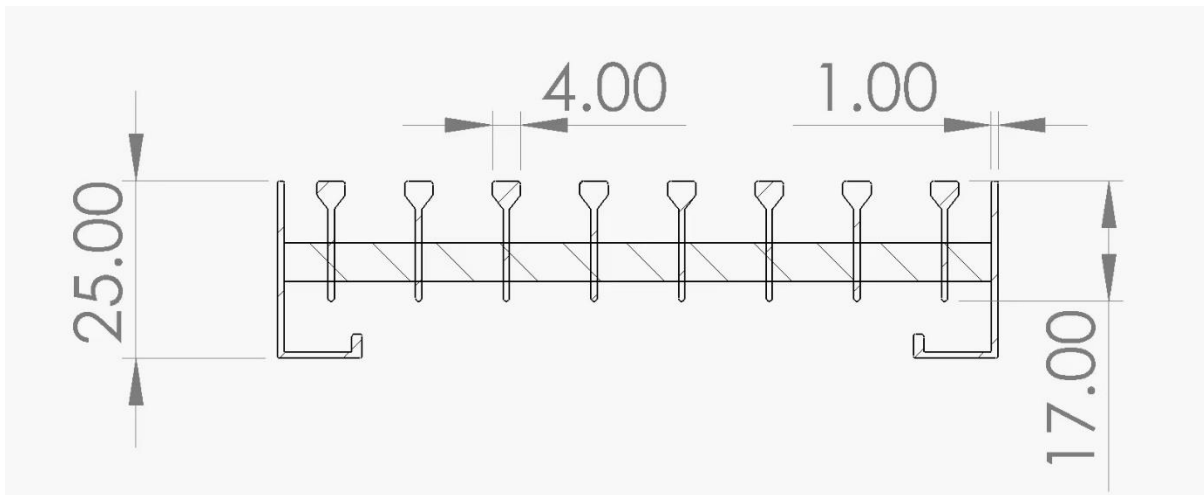




Reverse Flange Bar Grille



General Information:

This range of grille has the necessary characteristics for its integration in contemporary architecture and interior design. They can be installed in ceilings, walls, consoles, fan-coils, induction units, both for supply and return air application and, properly reinforced, in floors.

The maximum recommended length is 3m in one piece, although 2 or more modules can be combined so as to give appearance of continuity.

Features:

- Made of extruded aluminium
- Fixed blades at 0-degree, 15-degree, 30-degree
- Rigid, heavy gauge extruded frames with reinforced mitered and welded corners
- Standard finish white, other finishes are available
- Surface mounting or concealed mounting
- Size manufactured on request
- Construction is of a fixed core

Flow rate		L	1000	1000	1000	1000	1000	1000	1000	1000
		H	50	75	100	125	150	200	250	300
(m³/h)	(l/s)	A _k	0.024	0.0370	0.0500	0.0630	0.0820	0.1080	0.1400	0.1720
100	27.8	V _i	1.2	0.8	0.6					
		X	2.3	1.9	1.6					
		P _i	0.8	0.3	0.2					
		NR	-	-	-					
120	33.3	V _i	1.4	0.9	0.7					
		X	2.8	2.2	1.9					
		P _i	1.1	0.5	0.3					
		NR	-	-	-					
140	38.9	V _i	1.6	1.1	0.8					
		X	3.2	2.6	2.2					
		P _i	1.5	0.6	0.4					
		NR	-	-	-					
160	44.4	V _i	1.9	1.2	0.9					
		X	3.7	3.0	2.6					
		P _i	2.0	0.8	0.5					
		NR	-	-	-					
180	50.0	V _i	2.1	1.4	1.0	0.8				
		X	4.1	3.3	2.9	2.6				
		P _i	2.5	1.1	0.6	0.4				
		NR	8	-	-	-				
200	55.6	V _i	2.3	1.5	1.1	0.9				
		X	4.6	3.7	3.2	2.8				
		P _i	3.1	1.3	0.7	0.5				
		NR	10	-	-	-				
250	69.4	V _i	2.9	1.9	1.4	1.1	0.8			
		X	5.8	4.6	4.0	3.6	3.1			
		P _i	4.9	2.0	1.1	0.7	0.4			
		NR	16	7	-	-	-			
300	83.3	V _i	3.5	2.3	1.7	1.3	1.0	0.8	0.6	
		X	6.9	5.6	4.8	4.3	3.7	3.3	2.9	
		P _i	7.0	2.9	1.6	1.0	0.6	0.3	0.2	
		NR	21	11	-	-	-	-	-	-
350	97.2	V _i	4.1	2.6	1.9	1.5	1.2	0.9	0.7	0.6
		X	8.1	6.5	5.6	5.0	4.4	3.8	3.3	3.0
		P _i	9.5	4.0	2.2	1.4	0.8	0.5	0.3	0.2
		NR	25	15	9	-	-	-	-	-
400	111.1	V _i	4.6	3.0	2.2	1.8	1.4	1.0	0.8	0.6
		X	9.2	7.4	6.4	5.7	5.0	4.3	3.8	3.4
		P _i	12.4	5.2	2.9	1.8	1.1	0.6	0.4	0.2
		NR	28	19	12	8	-	-	-	-
450	125.0	V _i	5.2	3.4	2.5	2.0	1.5	1.2	0.9	0.7
		X	10.4	8.3	7.2	6.4	5.6	4.9	4.3	3.9
		P _i	15.7	6.6	3.6	2.3	1.3	0.8	0.5	0.3
		NR	31	22	15	11	5	-	-	-
500	138.9	V _i	5.8	3.8	2.8	2.2	1.7	1.3	1.0	0.8
		X	11.5	9.3	8.0	7.1	6.2	5.4	4.8	4.3
		P _i	19.4	8.2	4.5	2.8	1.7	1.0	0.6	0.4
		NR	34	25	18	13	8	-	-	-
600	166.7	V _i	6.9	4.5	3.3	2.6	2.0	1.5	1.2	1.0
		X	13.8	11.1	9.6	8.5	7.5	6.5	5.7	5.2
		P _i	28.0	11.8	6.4	4.1	2.4	1.4	0.8	0.5
		NR	38	29	23	18	12	6	-	-
700	194.4	V _i	8.1	5.3	3.9	3.1	2.4	1.8	1.4	1.1
		X	16.1	13.0	11.2	9.9	8.7	7.6	6.7	6.0
		P _i	38.1	16.0	8.8	5.5	3.3	1.9	1.1	0.7
		NR	42	33	27	22	16	10	5	-
800	222.2	V _i	9.3	6.0	4.4	3.5	2.7	2.1	1.6	1.3
		X	18.4	14.8	12.8	11.4	10.0	8.7	7.6	6.9
		P _i	49.7	20.9	11.5	7.2	4.3	2.5	1.5	1.0
		NR	46	37	30	25	20	14	8	-
900	250.0	V _i		6.8	5.0	4.0	3.0	2.3	1.8	1.5
		X		16.7	14.4	12.8	11.2	9.8	8.6	7.7
		P _i		26.5	14.5	9.1	5.4	3.1	1.8	1.2
		NR		40	33	28	23	17	11	7
1000	277.8	V _i		7.5	5.6	4.4	3.4	2.6	2.0	1.6
		X		18.5	15.9	14.2	12.5	10.9	9.5	8.6
		P _i		32.7	17.9	11.3	6.7	3.8	2.3	1.5
		NR		42	36	31	25	20	14	10
1200	333.3	V _i			6.7	5.3	4.1	3.1	2.4	1.9
		X			19.1	17.1	14.9	13.0	11.4	10.3
		P _i			25.8	16.2	9.6	5.5	3.3	2.2
		NR			41	36	30	24	19	14
1400	388.9	V _i				6.2	4.7	3.6	2.8	2.3
		X				19.9	17.4	15.2	13.3	12.0
		P _i				22.1	13.0	7.5	4.5	3.0
		NR				40	34	28	23	18