

- Built-in
- Rectangular
- Aluminium
- Anodized natural finish



Aluminium rectangular louvres type BLR-1M

Aluminium rectangular louvres (not standard dimensions) with physical free area of 50%

Brand

- Cairox

Application

- For fresh air intake or exhaust, wall mounted.

Material

- Aluminium

Colour

- Anodized natural finish
- Powder coated in RAL-colours upon request

Composition

- Frame and blades of aluminium
- Stainless steel INOX304 insectscreen mesh of 2.3 x 2.3 mm fitted behind the louvre
- The weather resistant blades have a blade pitch of 33 mm.
- Can also be produced in standard dimension, type **BLR-1**

Mounting

- To be mounted by means of mounting brackets

Accessories

- Mounting brackets (included)

Text for tender

- The air intake or exhaust grilles shall have weather resistant blades with blade pitch of 33 mm. They shall be made of anodized aluminium in natural colour in all possible dimensions
- **ATC** type **BLR-1M**

Order example

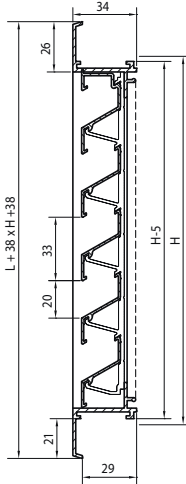
■ **BLR-1M, 700, 200**

Explanation

BLR-1M = Type grill

700 = Length grill

200 = Height grill



Quick selection										
Q	Type	200x200	300x300	400x400	500x500	600x600	700x700	800x800	1000x1000	1200x1200
100	Ak	0.020	0.045	0.080	0.125	0.180	0.245	0.320	0.500	0.720
	Vk	1.39								
	Ps	5.92								
200	Lw(A)	20.2								
	Vk	2.78	1.23							
	Ps	23.7	4.68							
300	Lw(A)	41.1	20.1							
	Vk		1.85	1.04						
	Ps		10.5	3.3						
400	Lw(A)		32.6	17.3						
	Vk		2.46	1.39	0.89					
	Ps		18.7	5.9	2.43					
500	Lw(A)		41.2	26.2	14.2					
	Vk		3.08	1.74	1.11					
	Ps		29.2	9.25	3.79					
600	Lw(A)		47.8	33.1	21.2					
	Vk			2.08	1.334	0.93				
	Ps			13.3	5.46	2.63				
800	Lw(A)			38.6	26.9	17				
	Vk			2.78	1.78	1.23	0.91			
	Ps			23.7	9.7	4.68	2.53			
1000	Lw(A)			47.2	35.8	26.1	17.7			
	Vk				2.22	1.55	1.13	0.87		
	Ps				15.2	7.31	3.95	2.31		
1200	Lw(A)				42.5	33	24.8	17.5		
	Vk				2.66	1.85	1.36	1.04		
	Ps				21.8	10.5	5.68	3.33		
1400	Lw(A)				47.9	38.6	30.5	23.3		
	Vk				3.12	2.16	1.59	1.22		
	Ps				29.7	14.3	7.74	4.53		
1800	Lw(A)				52.4	43.2	35.2	28.1		
	Vk					2.78	2.04	1.56	1	
	Ps					23.7	12.8	7.5	3.07	
2000	Lw(A)					50.7	42.8	35.9	23.9	
	Vk					3.08	2.26	1.74	1.11	
	Ps					29.2	15.8	9.25	3.79	
3000	Lw(A)					53.8	46	39.1	27.2	
	Vk						3.4	2.6	1.67	1.16
	Ps						35.5	20.8	8.53	4.11
4000	Lw(A)						57.9	51.3	39.8	30.1
	Vk							3.48	2.22	1.54
	Ps							37	15.2	7.31
5000	Lw(A)							59.7	48.5	39
	Vk								2.78	1.93
	Ps								23.7	11.4
6000	Lw(A)								55.1	45.8
	Vk								3.34	2.32
	Ps								34.1	16.5
8000	Lw(A)								60.5	51.3
	Vk									3.08
	Ps									29.2
	Lw(A)									59.8

Symbols and specifications

- P_s = Static pressure loss in Pa
- Q = Air Volume in m^3/h
- Type = Hole LXH in wall in mm
- V_k = Effective air velocity true the grille in m/s
- A_k = Effective area in m^2
- $L_w(A)$ = Acoustic power in dB(A)

