

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



Aluminium external louvres type BLR-A60

Aluminium rectangular louvres with physical free area up to 70%

Brand

- Cairox

Application

- For air intake or exhaust in ventilation systems

Material

- Aluminium

Colour

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

Composition

- Frame and blades of aluminium
- Galvanized steel birdmesh of 12 x 12 mm fitted behind the louvre
- Drainer-blade

Mounting

- Mounting with screws through the frame (not included)

Order example

- **BLR-A60, 1600, 800**

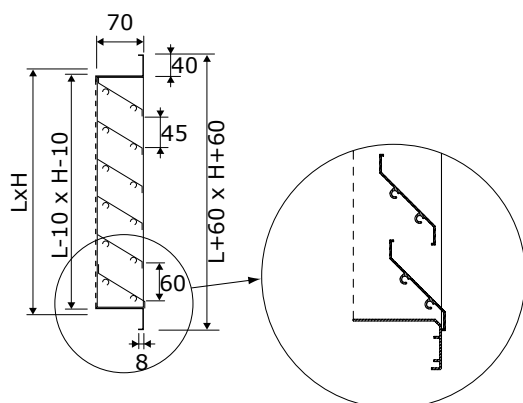
Explanation

BLR-A60 = Type grill

1600 = Length grill

800 = Height grill

External louvres



BLR-A60		Quick selection											
Q		200x200	300x300	400x400	500x500	600x600	800x800	1000x1000	1200x1200	1400x1400	1600x1600	1800x1800	2000x2000
100	Ak	0.01	0.036	0.077	0.133	0.205	0.394	0.643	0.953	1.323	1.754	2.246	2.799
	Vk	2.8	0.8										
	Ps	14	1										
	Lw(A)	39	<20										
200	Vk	5.6	1.5	0.7									
	Ps	57	4	1									
	Lw(A)	59	21	<20									
	Vk		2.3	1.1									
300	Ps		10	2									
	Lw(A)		33	<20									
	Vk		3.9	1.8	1								
	Ps		27	6	2								
500	Lw(A)		48	26	<20								
	Vk			2.9	1.7	1.1							
	Ps			15	5	2							
	Lw(A)			40	24	<20							
1000	Vk			3.6	2.1	1.4	0.7						
	Ps			23	8	3	1						
	Lw(A)			46	30	<20	<20						
	Vk			5.4	3.1	2	1.1						
1500	Ps			53	18	8	2						
	Lw(A)			58	42	29	<20						
	Vk				4.2	2.7	1.4	0.9					
	Ps				31	13	4	1					
2000	Lw(A)				50	38	<20	<20					
	Vk				5.2	3.4	1.8	1.1	0.7				
	Ps				49	21	6	2	1				
	Lw(A)				57	44	25	<20	<20				
3000	Vk					4.1	2.1	1.3	0.9				
	Ps					30	8	3	1				
	Lw(A)					49	31	<20	<20				
	Vk					5.4	2.8	1.7	1.2	0.8			
4000	Ps					53	14	5	3	1			
	Lw(A)					58	39	25	<20	<20			
	Vk						4.2	2.6	1.7	1.3	0.9	0.7	
	Ps						32	12	6	3	2	1	
6000	Lw(A)						51	36	25	<20	<20	<20	
	Vk						5.6	3.5	2.3	1.7	1.3	1	0.8
	Ps						57	22	10	5	3	2	1
	Lw(A)						59	45	33	24	<20	<20	<20
10000	Vk							4.3	2.9	2.1	1.6	1.2	1
	Ps							34	15	8	5	3	2
	Lw(A)							51	40	30	22	<20	<20
	Vk								4.4	3.1	2.4	1.9	1.5
15000	Ps							35	18	10	6	4	
	Lw(A)							52	42	34	27	20	
	Vk								4.2	3.2	2.5	2	
	Ps								32	18	11	7	
20000	Lw(A)								50	42	35	29	
	Vk										4.7	3.7	3
	Ps										41	25	16
	Lw(A)										54	47	40

Symbols and specifications

- Ps = Static pressure loss in Pa
- Q = Air Volume in m³/h
- Type = Hole LXH in wall in mm
- Vk = Effective air velocity true the grille in m/s
- Ak = Effective area in m²
- Lw(A) = Acoustic power in dB(A)
- Note : Given values for louvers in exhaust. when used for air intake, the pressure drop will be higher upto 25% of the given value of Ps with an increase up to 4dB(A) in Sound power.