

- Built-in
- Rectangular
- Steel
- Galvanized natural finish



Galvanized steel louvres type BLR-S50

Galvanized steel louvres with effective area up to 70%

Brand

- Cairox

Application

- For air intake or exhaust in ventilation systems
- On request any sizes are available

Material

- Steel

Colour

- Galvanized steel
- Powder coated in RAL color upon request

Composition

- Frame and weather resistant blades made out of galvanized steel
- Birdscreen 12 x 12 mm fitted behind the louvre
- Drainer blade

Mounting

- Mounting with screws through the frame (not included)

Order example

- **BLR-S50, 800, 400**

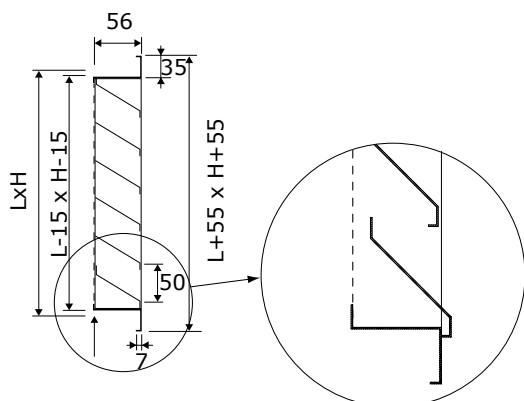
Explanation

BLR-S50 = Type grill

800 = Length grill

400 = Height grill

External louvres



		Quick selection											
BLR-S50		200x200	300x300	400x400	500x500	600x600	800x800	1000x1000	1200x1200	1400x1400	1600x1600	1800x1800	2000x2000
Q	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
100	Vk	2.8	0.8										
	Ps	15	1										
	Lw(A)	40	<20										
200	Vk	5.6	1.5	0.7									
	Ps	60	5	1									
	Lw(A)	61	21	<20									
300	Vk		2.3	1.1									
	Ps		10	2									
	Lw(A)		33	<20									
500	Vk		3.9	1.8	1								
	Ps		28	6	2								
	Lw(A)		48	26	<20								
800	Vk			2.9	1.7	1.1							
	Ps			16	5	2							
	Lw(A)			40	24	<20							
1000	Vk			3.6	2.1	1.4	0.7						
	Ps			25	8	4	1						
	Lw(A)			46	30	<20	<20						
1500	Vk			5.4	3.1	2	1.1						
	Ps			55	19	8	2						
	Lw(A)			58	42	29	<20						
2000	Vk				4.2	2.7	1.4	0.9					
	Ps				33	14	4	1					
	Lw(A)				50	38	<20	<20					
2500	Vk				5.2	3.4	1.8	1.1	0.7				
	Ps				51	22	6	2	1				
	Lw(A)				57	44	25	<20	<20				
3000	Vk					4.1	2.1	1.3	0.9				
	Ps					31	9	3	1				
	Lw(A)					49	31	<20	<20				
4000	Vk					5.4	2.8	1.7	1.2	0.8			
	Ps					56	15	6	3	1			
	Lw(A)					58	39	25	<20	<20			
6000	Vk						4.2	2.6	1.7	1.3	0.9	0.7	
	Ps						34	13	6	3	2	1	
	Lw(A)						51	36	25	<20	<20	<20	
8000	Vk						5.6	3.5	2.3	1.7	1.3	1	0.8
	Ps						60	23	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							35	16	8	5	3	2
	Lw(A)							51	40	30	22	<20	<20
15000	Vk								4.4	3.1	2.4	1.9	1.5
	Ps								36	19	11	7	4
	Lw(A)								52	42	34	27	20
20000	Vk									4.2	3.2	2.5	2
	Ps									33	19	12	8
	Lw(A)									50	42	35	29
30000	Vk										4.7	3.7	3
	Ps										43	26	17
	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.