

BLR-S50

- 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 louver
- Drainer blade

Mounting

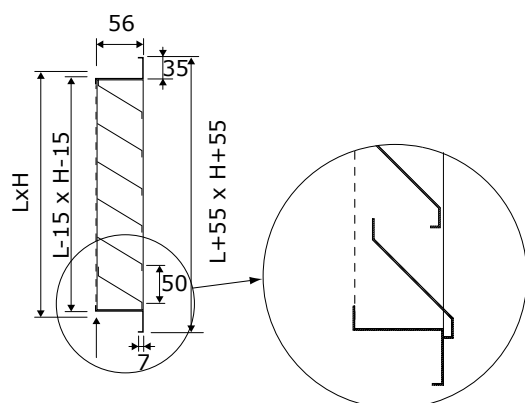
- Mounting with screws through the frame (not included)

Text for tender

- The air louvres shall be of the type in galvanized steel with weather resistant enclined blades. A birdscreen will be fitted behind the louver.
- **Cairox type BLR-S50**

Order example■ **BLR-S50, 800, 400**

Explanation

BLR-S50 = Type grill**800** = Length grill**400** = Height grill

BLR-S50		Quick selection											
Q	Ak	200x200	300x300	400x400	500x500	600x600	800x800	1000x1000	1200x1200	1400x1400	1600x1600	1800x1800	2000x2000
100	Vk	0.01	0.036	0.077	0.133	0.205	0.394	0.643	0.953	1.323	1.754	2.246	2.799
	Ps	2.8	0.8										
	Lw(A)	15	1										
200	Vk	40	<20										
	Ps	5.6	1.5	0.7									
	Lw(A)	60	5	1									
300	Vk	61	21	<20									
	Ps		2.3	1.1									
	Lw(A)		10	2									
500	Vk		33	<20									
	Ps		3.9	1.8	1								
	Lw(A)		28	6	2								
800	Vk		48	26	<20								
	Ps			2.9	1.7	1.1							
	Lw(A)			16	5	2							
1000	Vk			40	24	<20							
	Ps			3.6	2.1	1.4	0.7						
	Lw(A)			25	8	4	1						
1500	Vk			46	30	<20	<20						
	Ps			5.4	3.1	2	1.1						
	Lw(A)			55	19	8	2						
2000	Vk			58	42	29	<20						
	Ps				4.2	2.7	1.4	0.9					
	Lw(A)				33	14	4	1					
2500	Vk				50	38	<20	<20					
	Ps				5.2	3.4	1.8	1.1	0.7				
	Lw(A)				51	22	6	2	1				
3000	Vk				57	44	25	<20	<20				
	Ps					4.1	2.1	1.3	0.9				
	Lw(A)					31	9	3	1				
4000	Vk					49	31	<20	<20				
	Ps					5.4	2.8	1.7	1.2	0.8			
	Lw(A)					56	15	6	3	1			
6000	Vk					58	39	25	<20	<20			
	Ps						4.2	2.6	1.7	1.3	0.9	0.7	
	Lw(A)						34	13	6	3	2	1	
8000	Vk						51	36	25	<20	<20	<20	
	Ps						5.6	3.5	2.3	1.7	1.3	1	0.8
	Lw(A)						60	23	10	5	3	2	1
10000	Vk						59	45	33	24	<20	<20	<20
	Ps							4.3	2.9	2.1	1.6	1.2	1
	Lw(A)							35	16	8	5	3	2
15000	Vk							51	40	30	22	<20	<20
	Ps								4.4	3.1	2.4	1.9	1.5
	Lw(A)								36	19	11	7	4
20000	Vk								52	42	34	27	20
	Ps									4.2	3.2	2.5	2
	Lw(A)									33	19	12	8
30000	Vk									50	42	35	29
	Ps										4.7	3.7	3
	Lw(A)										43	26	17
											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 P_s with an increase up to 4dB(A) in Sound power.