BLR-1G

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

Rectangular external louvres type BLR-1G

Aluminium rectangular louvres in standard dimensions with physical free area of 45%.

Brand
- CAIROX

Application
- For fresh air intake or exhaust, wall mounted.

Material
- Aluminium

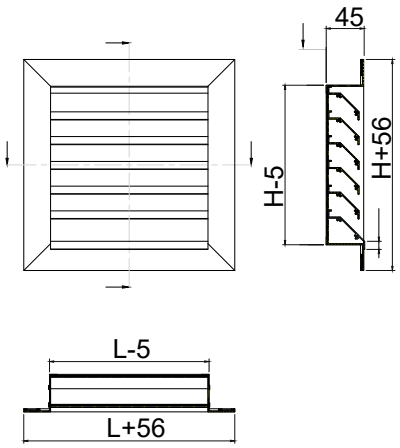
Colour
- Anodized natural finish

Composition
- Frame and blades of aluminium
- Stainless steel INOX304 insectscreen mesh of 3 X 3 mm fitted behind the louvre
- The weather resistant blades have a blade pitch of 30 mm.

Text for tender
- The air intake or exhaust grilles shall have weather resistant blades with blade pitch of 30 mm. They shall be made of anodized aluminium in natural colour
- **CAIROX** type **BLR-1G**

Order example
- **BLR-1G, 400, 200**

Explanation
BLR-1G = Type grill
400 = Length grill
200 = Height grill



Quick selection									
BLR-1G		200x200	300x200	400x200	300x300	400x400	600x400	500x500	600x600
Q	Ak	0.018	0.027	0.036	0.041	0.072	0.108	0.113	0.162
100	Vk	1.5	1	0.8					
	Ps	9.1	4	2.3					
	Lw(A)	26	<20	<20					
150	Vk	2.3	1.5	1.2	1				
	Ps	20.5	9	5.1	4				
	Lw(A)	39	28	21	<20				
200	Vk	3.1	2.1	1.5	1.4	0.8			
	Ps	36.4	16	9	7.1	2.3			
	Lw(A)	47	37	29	26	<20			
300	Vk		3.1	2.3	2.1	1.2	0.8	0.7	
	Ps		36.1	20.3	16	5.1	2.3	2.1	
	Lw(A)		49	42	39	24	<20	<20	
400	Vk		4.1	3.1	2.7	1.5	1	1	
	Ps		64.1	36.1	28.5	9	4	3.7	
	Lw(A)		58	50	47	32	22	21	
500	Vk			3.9	3.4	1.9	1.3	1.2	0.9
	Ps			56.3	44.5	14.1	6.3	5.8	2.8
	Lw(A)			57	54	39	28	27	<20
600	Vk				4.1	2.3	1.5	1.5	1
	Ps				64.1	20.3	9	8.3	4
	Lw(A)				60	45	34	33	23
800	Vk					3.1	2.1	2	1.4
	Ps					36.1	16	14.8	7.1
	Lw(A)					53	43	42	32
1000	Vk					3.9	2.6	2.5	1.7
	Ps					56.3	25	23.1	11.1
	Lw(A)					60	50	48	39
1200	Vk						3.1	3	2.1
	Ps						36.1	33.2	16
	Lw(A)						55	54	45
1400	Vk						3.6	3.5	2.4
	Ps						49.1	45.2	21.8
	Lw(A)						60	59	49
1600	Vk						4.1	4	2.7
	Ps						64.1	59.1	28.5
	Lw(A)						64	63	53

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)