A.07

External louvres

BLR-1-OP

_ Surface mounted
_ Rectangular
_ Aluminium
_ Anodized natural finish

Wall mounted aluminium external louvres type BLR-1-OP

Surface mounted aluminium louvres

Brand

- Cairox

Application

- For air intake or exhaust in ventilation systems

Material

- Aluminium

Colour

- Anodized natural finish
- Other colours available upon request

Composition

- Frame and 45° enclined blades made af aluminium with pitch of 33 mm
- Surface mounted on the wall by means of conceiled screws in between the blades
- Stainless steel INOX304 insectscreen mesh of 2.3 X 2.3 mm fitted behind the louvre

Mounting

- Mounted by means of scraws trougt pre-drilled holes in the frame

Accessories

- Srews (included)

Other available products

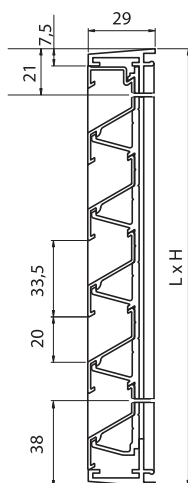- Louver sized made to measure available upon request

Order example

- **BLR-1-OP, 425 X 425**

Explanation
BLR-1-OP = Type grill
425 X 425 = Exterior size of the grill

Quick selection						
Q	**Type**	**165x165**	**225x225**	**325x325**	**425x425**	**525x525**
	Ak	0.004	0.009	0.026	0.051	0.085
25	Vk	1.61				
	Ps	7.50				
	Lw(A)	7				
50	Vk	3.23	1.54			
	Ps	29.80	6.70			
	Lw(A)	28	9			
75	Vk	5.2	2.3			
	Ps	125	15.2			
	Lw(A)	49	21			
100	Vk		3.07	1.08		
	Ps		27	3.30		
	Lw(A)		30	3		
150	Vk		4.6	1.61		
	Ps		61	7.40		
	Lw(A)		42	15		
200	Vk			2.15	1.09	
	Ps			13.20	3.40	
	Lw(A)			24	6	
250	Vk			2.69	1.36	
	Ps			20.70	5.30	
	Lw(A)			31	13	
300	Vk			3.23	1.63	
	Ps			29.80	7.60	
	Lw(A)			36	18	
400	Vk			4.27	2.17	1.30
	Ps			53	13.50	4.90
	Lw(A)			45	27	14
500	Vk				2.71	1.63
	Ps				21.10	7.60
	Lw(A)				34	21
600	Vk				3.26	1.96
	Ps				30.30	11
	Lw(A)				39	26
700	Vk				3.80	2.28
	Ps				41.30	14.90
	Lw(A)				44	31
800	Vk					2.61
	Ps					19.50
	Lw(A)					35
900	Vk					2.94
	Ps					24.60
	Lw(A)					38
1000	Vk					3.26
	Ps					30.40
	Lw(A)					42

Symbols and specifications

- Ps = Static pressure loss in Pa
- Q = Air Volume in m³/h
- LXH = Overall dimension of the grille in mm
- Vk = Effective air velocity true the grille in m/s
- Ak = Effective area in m² with covered border of 40 mm
- Lw(A) = Acoustic power in dB(A)