

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



Magnelis coated steel louvres type BLR-MAG68

MAGNELIS® steel alloy louvres with effective area up to 70%

Brand

- Cairox

Application

- For air intake or exhaust in ventilation systems
- Applicable in different sectors:
 - Industry
 - Agriculture
 - Swimming pools
 - Sports centers

Material

- Magnelis® steel alloy with key components aluminium and magnesium
- Certified salt spray test according to ISO 9227 NSS
- Magnelis® has 3 times better corrosion resistance than galvanized steel, independent of the initial coating thickness
- Reports available on simple demand
- With the Magnelis® grids a cathodic protection is active equal to a zinc coating.
- Magnelis® also offers self-healing protection on cut edges by coating with a zinc and magnesium based film (self healing effect).

Colour

- Steel

Composition

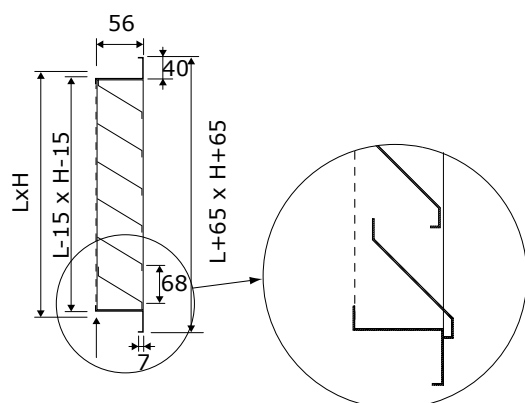
- Frame and weather resistant blades made out of magnelis steel
- Birdscreen 18 x 18 mm fitted behind the louvre
- Drainer blade
- Louvres available in any size, upon request

Order example
■ BLR-MAG68, 800, 400

Explanation

BLR-MAG68 = Type grill

800 = Length grill

400 = Height grill


BLR-MAG68		Quick selection											
Q	Ak	200x200	300x300	400x400	500x500	600x600	800x800	1000x1000	1200x1200	1400x1400	1600x1600	1800x1800	2000x2000
100	Vk	1.9											
	Ps	8											
	Lw(A)	24											
200	Vk	3.7	1.5										
	Ps	31	5										
	Lw(A)	42	20										
300	Vk		2.3										
	Ps		12										
	Lw(A)		31										
500	Vk		3.9	1.9									
	Ps		34	8									
	Lw(A)		42	26									
600	Vk			2.3	1.3								
	Ps			12	4								
	Lw(A)			30	<20								
800	Vk			3.1	1.7								
	Ps			22	7								
	Lw(A)			38	22								
1000	Vk			3.9	2.2	1.5							
	Ps			34	11	5							
	Lw(A)			46	29	18							
1400	Vk				3	2.1							
	Ps				20	10							
	Lw(A)				37	27							
1600	Vk				3.4	2.4	1.3						
	Ps				26	13	4						
	Lw(A)				41	30	11						
2000	Vk					3	1.6						
	Ps					20	6						
	Lw(A)					40	24						
3000	Vk						2.5	1.6					
	Ps						14	6					
	Lw(A)						35	25					
4000	Vk						3.3	2.1	1.4				
	Ps						25	10	4				
	Lw(A)						40	31	26				
6000	Vk						3.1	2.2		1.6	1.2		
	Ps						22	11	6	3			
	Lw(A)						41	34	28	<20			
8000	Vk							2.9	2.1	1.6		1.3	
	Ps							19	10	6	4		
	Lw(A)							42	35	29	23		
10000	Vk							3.6	2.6	2	1.6		1.3
	Ps							29	15	9	6	4	
	Lw(A)							47	40	34	30	26	
12000	Vk								3.2	2.4	1.9		1.5
	Ps								23	13	8	5	
	Lw(A)								45	43	35	30	
16000	Vk									3.2	2.5		2.1
	Ps									23	14	10	
	Lw(A)									40	40	36	
20000	Vk										3.2	2.6	
	Ps										23	15	
	Lw(A)										47	42	
26000	Vk												3.3
	Ps												25
	Lw(A)												48

Symbols and specifications

- P_s = Static pressure loss in Pa
- Q = Air Volume in m^3/h
- Type = Hole LXH in wall in mm
- V_k = Effective air velocity true the grille in m/s
- A_k = Effective area in m^2
- $L_w(A)$ = Acoustic power in dB(A)
- Note: Given values for louvers in exhaust. when used for air intake, the pressure drop will be higher up to 25% of the given value of P_s with an increase up to 4dB(A) in sound power.