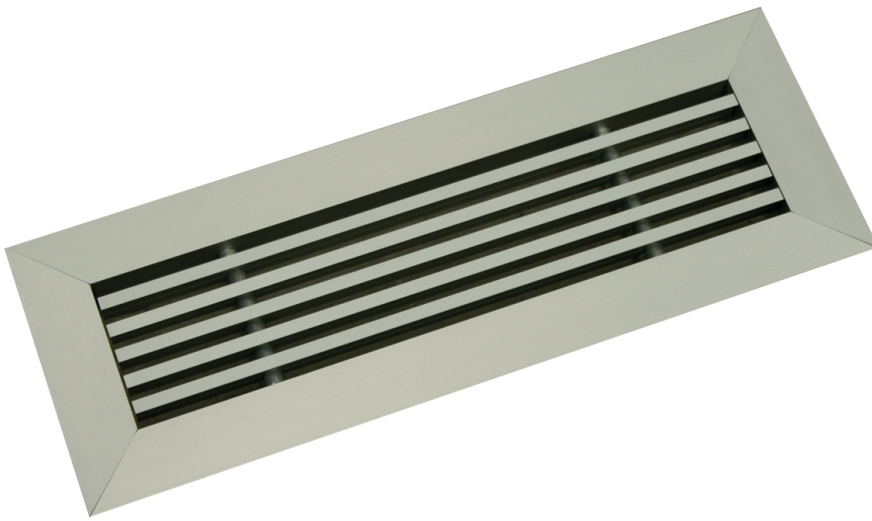


- Floor grilles
- Aluminium
- Anodized natural finish
- Fixed blades 15°



## Aluminium floor grilles with flat face type ALG-P

Anodized aluminium floor grilles with fixed blade inner core and flat face. Grilles designed for installation in constructional floor openings, floor plenumboxes of steel or cast or screed processed plastic plenums of various manufactures.

### Brand

- Cairox

### Application

- Used for air supply and air exhaust in ventilation and air conditioning systems

### Material

- Aluminium

### Colour

- Anodized natural finish
- Other colours available upon request

### Composition

- Aluminium fixed blades innercore without deflection and pitch of 6mm
- Weight support bars behind the blade innercore
- Flat aluminium frame of 20 or 30 mm and 1.3 mm thick
- Fixing clips
- Grille available in 2 standard sizes 315 x 85 LxH and 320 x 112 LxH. Other sizes upon request

### Mounting

- Invisible mounting with clips in floor plenum box or constructional floor opening

### Accessories

- Grille equipped with galvanized steel volume control damper available upon request
- Plenum box, made to measure available upon request
- Laterally mounted locking system for securing the grille or for mounting in walls or ceilings

### Other available products

- Other sizes available upon request

### Order example

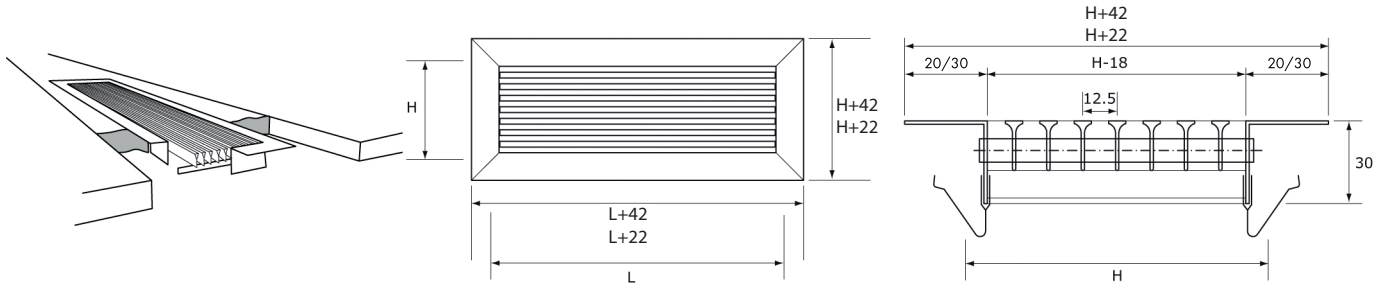
#### ■ ALG-P20, 320 x 112

Explanation

**ALG-P** = Grille type

**20** = frame of 20 mm

**320 x 112** = Grille size



Quick selection				
Q	L x H	315 x 85	320 x 112	
	Ak	0.010	0.014	
	Vk	1.4		
	Ps	2		
50	Lw(A)	<10		
	X0.5	2		
	Vk	2.1	1.5	
	Ps	5	2	
75	Lw(A)	11	<10	
	X0.5	2.9	2.5	
	Vk	2.8	2.0	
	Ps	8	4	
100	Lw(A)	18	10	
	X0.5	3.9	3.3	
	Vk	3.5	2.5	
	Ps	13	6	
125	Lw(A)	25	16	
	X0.5	4.9	4.1	
	Vk	4.3	3.0	
	Ps	18	9	
150	Lw(A)	30	21	
	X0.5	5.9	4.9	
	Vk		4.0	
	Ps		16	
200	Lw(A)		29	
	X0.5		6.6	
	Vk		5	
	Ps		25	
250	Lw(A)		35	
	X0.5		8.2	

### Symbols and specifications

- LxH = Width L en height H in mm
  - Q = Air volume in m<sup>3</sup>/h
  - Ak = Effective surface (free area) in m<sup>2</sup>
  - Vk = Average effective velocity through the grille in m/s
  - Y0.5 = Vertical throw at an endvelocity Vt of 0.5 m/s
  - Ps = Static pressure loss given in Pa
  - Lw(A) = Acoustic power in dB(A)
- The values are given for isothermal supply air.
  - The pressure losses Ps are given for grilles without damper or with fully opened damper.
  - The acoustic power Lw(A) are given for grilles without damper or with fully opened damper without room attenuation. Acoustic powers below 20dB(A) are mentioned as "<20" in the tables.
  - For all other special requirements, please contact our engineering office.

## Placement instruction

