

# Heavy-duty aluminium floor grilles type GAU 45

Aluminium grilles for heavy-duty floors

## Brand

- France Air

## Material

- Aluminium

## Colour

- Natural aluminium finish
- Other colours available upon request

## Composition

- Frame and blades made of aluminium
- Natural colour finish

## Accessories

- Opposite blade volume control damper available upon request

## Text for tender

- The air supply grilles are mounted in the floor, have fixed blades and could be supplied with a volume control damper.
- Natural colour finish
- **France Air type GAU 45**

## Order example

- **GAU 45-1, 600 x 600**

Explanation

**GAU 45-1** = Grille type

**600** = Length

**600** = Height

No damper

Debit m³/h	Quick selection	
	L x H	600 x 600
520	Vk (m/s)	1
	NR	< 20
	Pt (Pa)	2
630	Vk (m/s)	1.25
	NR	20
	Pt (Pa)	3
800	Vk (m/s)	1.5
	NR	25
	Pt (Pa)	4
1050	Vk (m/s)	2
	NR	30
	Pt (Pa)	6
1300	Vk (m/s)	2.5
	NR	35
	Pt (Pa)	9

## Symbols and specifications

- LxH = Width L and height H in mm
- Q = Air volume in m³/h
- Ak = Effective surface (free area) in m²
- Vk = Average effective velocity through the grille in m/s
- Y0.25 = Vertical throw in m at an end velocity Vt of 0.25m/s
- Ps = Static pressure loss given in Pa
- Lw(A) = Acoustic power in dB(A)

- The values are given for isothermal supply air without coanda effect.
- The pressure losses Pa are given for grilles without damper or with fully opened damper

## Wall and floor grilles

- The acoustic powers  $L_w(A)$  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.