



Linear aluminium floor grilles type LAU 45 / LAU 46

Aluminium grilles with fixed blades

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
- Plenum box available upon request
- Insulated plenum box available upon request

Text for tender

- The air supply grilles are mounted in the floor, have fixed blades and are supplied with a volume control damper.
- Natural colour finish
- **Cairox** type **ALG-F-0**

Order example

- **ALG-F-0, 800 X 200**

Explanation

ALG-F 0 = Grille type

800 = Length

200 = Height

Accessories (optional)

Galvanized steel damper
Galvanized steel plenum box

Symbols and specifications

- LxH = Width L and height H in mm
- Q = Air volume in m³/h
- Ak = Effective surface (free area) in m²
- V_k = Average effective velocity through the grille in m/s
- Y_{0.25} = Vertical throw in m at an end velocity V_t of 0.25m/s
- P_s = Static pressure loss given in Pa
- L_w(A) = Acoustic power in dB(A)

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