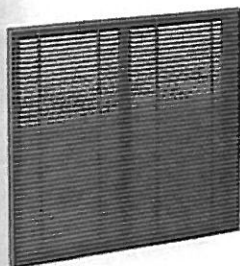


Grilles à barres frontales fixes

Série AG 470 - aluminium



Grille AG 470

Utilisation

- Air Supply or exhaust for all ventilation applications and air conditioning
- Floor mounted. Ideal for technical floors
- High resistance to heavy loads

Construction

- AG 470 : grille with fixed bars, reinforced on a 13mm pitch
- Aluminium framework
- 30mm high bars with a central reinforcement bar
- Removable core grille
- Dimension C variable between 35 and 45mm to fit the height on the technical floor. To be chosen at the order
- High resistance to heavy loads : 500Kg maximum, considering a load on 25x25mm at the centre of a 600x600mm grille

Finition

- Anodised aluminium, satin finish
- Painted version available

Fixation

- Grille to be fixed on floor pedestal

Accessoires

- Damper SGS with galvanised steel opposed blades. The damper is adjusted from the front of the grille with a flat screwdriver
- Clipped on the grille

Options

- Barres frontales sans cadre (noyau seul) : modèle AO 470
- Pour plus d'information se référer page 51.

Dimensions standard

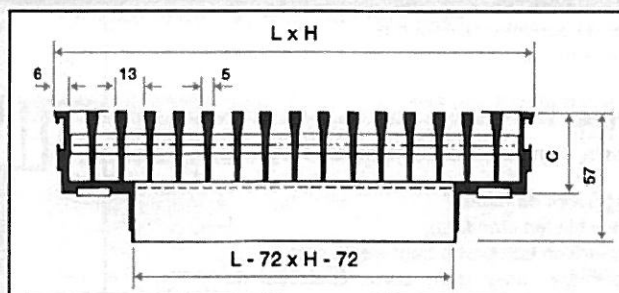
- Size available from 300x150 to 1200x600

Pour plus d'information se référer page 51.

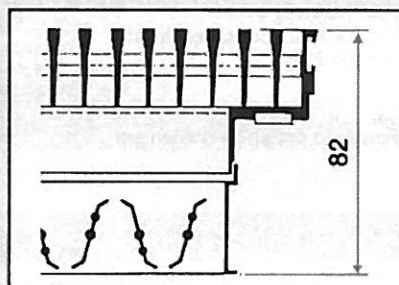
Caractéristiques techniques

- Tableaux de sélection pages 52 et 53.
- Abaques de sélection pages 57 à 59.
- Capacité de mélange (CM) page 86.

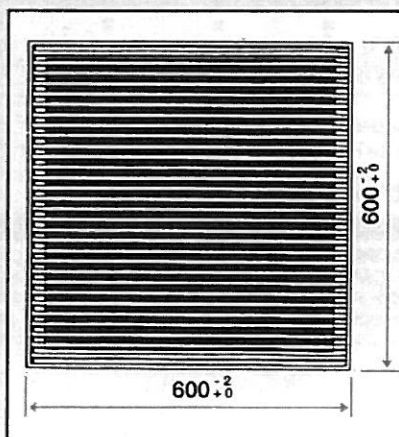
Encombrement



AG 470
Grille seule



AG 470 B
Grille avec registre AGB monté



Modèle pour dalle 600 x 600 mm

Selection – Air supply for serie 440-450-470 – Damper 100% open.

| Ak (d m ²) | L x H (mm) | | qv (m ³ /h) | | | | | | | | | | | | Lw | | Lt | | | | | | | | | |
|---------------------------|--------------------------------|-------------------------|------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|------|----|------|-----|------|-----|------|----|------|----|-----|----|
| | | | 100 | | 200 | | 300 | | 400 | | 600 | | 800 | | 1000 | | 1500 | | 2000 | | 2500 | | 3000 | | | |
| 0.8 | 300 x 75 | 200 x 100 | 15 | 4 | 25 | 9 | | | | | | | | | | | | | | | | | | | Lw | Lt |
| | | | 3,5 | 8,6 | 7,0 | 35 | | | | | | | | | | | | | | | | | | | | Vk |
| 1.2 | 400 x 75 200 x 150 | 300 x 100 | - | 3 | 20 | 8 | 25 | 12 | | | | | | | | | | | | | | | | | | |
| | | | 2,3 | 4 | 4,8 | 16 | 7,0 | 35 | | | | | | | | | | | | | | | | | | |
| 1.8 | 600 x 75 300 x 150 | 400 x 100 200 x 200 | | | 15 | 6 | 20 | 9 | 25 | 12 | | | | | | | | | | | | | | | | |
| | | | | | 3,0 | 6,3 | 4,5 | 15 | 6,0 | 25 | | | | | | | | | | | | | | | | |
| 2.2 | 800 x 75 | 500 x 100 | | | 15 | 6 | 20 | 9 | 25 | 12 | 30 | 17 | | | | | | | | | | | | | | |
| | | | | | 2,5 | 4,4 | 3,7 | 10 | 5,0 | 17 | 7,5 | 40 | | | | | | | | | | | | | | |
| 2.9 | 1000 x 75 400 x 150 | 600 x 100 300 x 200 | | | | | 16 | 7 | 20 | 10 | 25 | 15 | 30 | 17 | | | | | | | | | | | | |
| | | | | | | | 2,8 | 6 | 3,7 | 10 | 5,8 | 23 | 6,0 | 25 | | | | | | | | | | | | |
| 3.6 | 1200 x 75 500 x 150 | 800 x 100 400 x 400 | | | | | | | 20 | 9 | 25 | 13 | 25 | 16 | | | | | | | | | | | | |
| | | | | | | | | | 3,0 | 6,3 | 4,5 | 15 | 5,0 | 17 | | | | | | | | | | | | |
| 4.4 | 1000 x 100 500 x 200 | 600 x 150 300 x 300 | | | | | | | 15 | 8 | 20 | 12 | 20 | 14 | 30 | 20 | | | | | | | | | | |
| | | | | | | | | | 2,5 | 4,4 | 3,7 | 10 | 3,7 | 10 | 6,3 | 28 | | | | | | | | | | |
| 5.7 | 1200 x 100 600 x 200 | 800 x 150 400 x 300 | | | | | | | 15 | 10 | 15 | 12 | 25 | 18 | | | | | | | | | | | | |
| | | | | | | | | | 2,9 | 6,1 | 3,0 | 6,3 | 4,8 | 16 | | | | | | | | | | | | |
| 7.7 | 1000 x 150 500 x 300 | 800 x 200 400 x 400 | | | | | | | - | 9 | - | 11 | 20 | 15 | 31 | 17 | | | | | | | | | | |
| | | | | | | | | | 2,2 | 3,5 | 2,3 | 4 | 3,7 | 10 | 5,5 | 22 | | | | | | | | | | |
| 9.7 | 1200 x 150 600 x 300 | 1000 x 200 500 x 400 | | | | | | | | | | | | 15 | 13 | 27 | 16 | 30 | 27 | | | | | | | |
| | | | | | | | | | | | | | | | 2,8 | 6 | 4,2 | 14 | 5,8 | 23 | | | | | | |
| 11.7 | 1200 x 200 600 x 400 | 800 x 200 | | | | | | | | | | | | 15 | 13 | 23 | 14 | 30 | 19 | 34 | 23 | | | | | |
| | | | | | | | | | | | | | | | 2,3 | 4 | 3,5 | 8,8 | 4,8 | 16 | 5,9 | 25 | | | | |
| 15.4 | 1000 x 300 | 800 x 400 | | | | | | | | | | | | | | | | 18 | 12 | 25 | 16 | 29 | 20 | 30 | 33 | |
| | | | | | | | | | | | | | | | | | | | 2,7 | 5,0 | 3,7 | 10 | 4,5 | 15 | 5,5 | 22 |
| 20.5 | 1200 x 300 <i>600 x 600</i> | 1000 x 400 | Lw | Lt | | | | | | | | | | | | | | | | | | | | | | |
| | | | Vk | Pa | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

Les valeurs Lw (NR) ne tiennent pas compte de l'atténuation du local.

Vt = 0.37 m/s

Selection – Air exhaust for serie 440-450-470 – Damper 100% open.

| Ak (m ²) | L x H (mm) | | qv (m ³ /h) | | | | | | | | | | | | Lw | | Lt | | | | | | | | | | |
|-------------------------|---|------------------------|------------------------|----|-----|----|-----|----|-----|----|-----|----|------|----|------|----|------|--|------|--|------|--|------|--|--|----|----|
| | | | 200 | | 300 | | 400 | | 500 | | 750 | | 1000 | | 1500 | | 2000 | | 3000 | | 4000 | | 5000 | | | | |
| 0,013 | 200 x 100 | | 24 | - | | | | | | | | | | | | | | | | | | | | | | Lw | Lt |
| | | | 4,2 | 32 | | | | | | | | | | | | | | | | | | | | | | | Vk |
| 0,020 | 300 x 100 200 x 150 | | 15 | - | 26 | - | | | | | | | | | | | | | | | | | | | | | |
| | | | 2,8 | 14 | 4,2 | 32 | | | | | | | | | | | | | | | | | | | | | |
| 0,030 | 400 x 100 300 x 150 | 200 x 200 | - | - | 18 | - | 25 | - | | | | | | | | | | | | | | | | | | | |
| | | | 1,9 | 6 | 2,9 | 14 | 3,7 | 24 | | | | | | | | | | | | | | | | | | | |
| 0,045 | 600 x 100 400 x 150 | 300 x 200 | | | - | - | 17 | - | 22 | - | | | | | | | | | | | | | | | | | |
| | | | | | 1,9 | 6 | 2,5 | 11 | 3,1 | 18 | | | | | | | | | | | | | | | | | |
| 0,060 | 800 x 100 500 x 150 | 400 x 200 | | | | | | | 16 | - | 26 | - | | | | | | | | | | | | | | | |
| | | | | | | | | | 2,3 | 9 | 3,5 | 22 | | | | | | | | | | | | | | | |
| 0,075 | 1000 x 100 600 x 150 | 500 x 200 300 x 300 | | | | | | | | | 21 | - | 29 | - | | | | | | | | | | | | | |
| | | | | | | | | | 1,8 | 6 | 2,7 | 14 | 3,8 | 25 | | | | | | | | | | | | | |
| 0,093 | 1200 x 100 800 x 150 | 600 x 200 400 x 300 | | | | | | | | | 17 | - | 24 | - | 34 | - | | | | | | | | | | | |
| | | | | | | | | | | | 2,2 | 9 | 3,0 | 16 | 4,5 | 36 | | | | | | | | | | | |
| 0,125 | 1000 x 150 800 x 200 | 500 x 300 400 x 400 | | | | | | | | | | | 18 | - | 28 | - | | | | | | | | | | | |
| | | | | | | | | | | | 1,6 | 4 | 2,2 | 9 | 3,4 | 20 | | | | | | | | | | | |
| 0,150 | 1200 x 150 600 x 300 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,175 | 1000 x 200 500 x 400 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,200 | 1200 x 200 800 x 300 | 600 x 400 500 x 500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,260 | 1000 x 300 800 x 400 | 600 x 500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,350 | 1000 x 400 800 x 500 <i>600 x 600</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,420 | 1200 x 400 1000 x 400 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0,530 | 1200 x 500 | | Lw | Lt | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Vk | Pa | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Les valeurs Lw (NR) ne tiennent pas compte de l'atténuation du local.