

468AK/1

Interior acoustic door grille

DOOR GRILLE

ALUMINIUM



MATERIAL

- Made from aluminium sections: AlMgSi 0.5 [according to EN 12020-2]
- Finishing: anodized in satin colour [20 micron] or powder-coated in any RAL or Syntha Pulvin colour [40 micron]
- Sound absorbing material: synthetic foam
- Labyrinth type blades

DIMENSIONS

- Minimum dimensions: 200 x 180 mm
- Maximum dimensions: 800 x 775 mm
- Height in 85 mm steps [blade pitch]
- Depth to fit: 48 mm
- Flange size: 30 mm

OPTIONS

- Backframe 468 AK/2 [see p. 142]

TYPICAL APPLICATIONS

- Schools
- Hospitals
- Elderly homes

Remark: for internal use only!



TECHNICAL SPECIFICATIONS

All properties are valid for the standard version of the Louvre, unless otherwise stated.

Airflow		[EN 13030]	[EN ISO 140-10, EN ISO 717-1]
K-factor [entry]		86.85	
K-factor [discharge]		89.35	$R_w [C;C_v]: 8 [-1;-2]$ dB
C_e coefficient		0.107	
C_d coefficient		0.106	
Dimensions [W x H]	[EN 130141-1]	Airflow at 2 Pa in m³/h	Sound reduction $D_{n,e,w} [C;C_v]$
Q at 2 Pa - grille 292 x 180 mm		25 m ³ /h	30 [-1;-2] dB
Q at 2 Pa - grille 382 x 265 mm		50 m ³ /h	28 [-1;-2] dB
Q at 2 Pa - grille 432 x 350 mm		75 m ³ /h	26 [-1;-2] dB
Q at 2 Pa - grille 452 x 435 mm		100 m ³ /h	25 [-1;-2] dB
Technical data			
Visual free area		29%	
Physical free area		29%	
IP class [louvre with mesh]		IP2XD	

TECHNICAL DRAWINGS

