

# 468AK/2

## 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

### DIMENSIONS

- Minimum dimensions: 200 x 193 mm H
- Maximum dimensions: 800 x 788 mm H
- Height in 85 mm steps [blade pitch]
- Door thickness: from 37.5 to 92 mm

### AVAILABLE MODELS

- The 468 AK/2 is available in Renson® standard WHITE in the following standard sizes: 292 x 193 mm, 382 x 278 mm, 432 x 363 mm and 452 x 448 mm
- Other sizes and colours available on request

### FIXING

- Screws included

### TYPICAL APPLICATIONS

- Schools, dressing rooms, garagedoors, central heating system rooms, hospitals

*Remark: for internal use only!*



## TECHNICAL SPECIFICATIONS

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

<b>Airflow</b>		[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	
<b>Dimensions [W x H]</b>	[EN 130141-1]	<b>Airflow at 2 Pa in m<sup>3</sup>/h</b>	<b>Sound reduction <math>D_{n,e,w} [C;C_v]</math></b>
Q at 2 Pa - grille 292 x 193 mm		25 m <sup>3</sup> /h	30 [-1;-2] dB
Q at 2 Pa - grille 382 x 278 mm		50 m <sup>3</sup> /h	28 [-1;-2] dB
Q at 2 Pa - grille 432 x 363 mm		75 m <sup>3</sup> /h	26 [-1;-2] dB
Q at 2 Pa - grille 452 x 448 mm		100 m <sup>3</sup> /h	25 [-1;-2] dB
<b>Technical data</b>			
Visual free area		29%	
Physical free area		29%	
IP class [louvre with mesh]		IP2XD	

## TECHNICAL DRAWINGS

