

# 445/86

## Acoustic wall louvre

SOUND-  
REDUCTION  
LOUVRE

ALUMINIUM



### MATERIAL

- Made from aluminium sections: AlMgSi 0.5 [according to EN 12020-2]
- Stainless steel 304 mesh [6 x 6 mm]
- Finishing: anodized in satin colour [20 micron] or powder-coated in any RAL or Syntha Pulvin colour [40 micron]
- 100% stainless

### DIMENSIONS

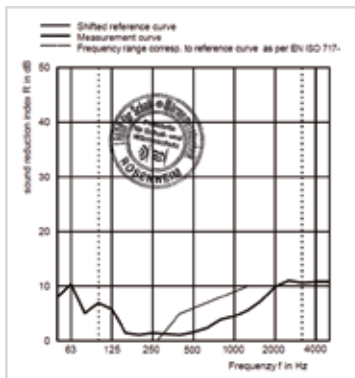
- Blade pitch: 60 mm
- Dimensions: depth to fit: 81.5 mm
- Flange size: 50 mm
- Height in steps of 60 mm [space between blades]
- Minimum dimensions: 230 x 230 mm

### FIXING

- Brackets ref. 429

### OPTIONS

- Stainless steel 304 insect screen 2,3x2,3 or mesh [10x10/20x20 mm] or without
- Insect screen or mesh in stainless steel 316
- Filter
- Without flange
- Water channel
- Drainage profile
- Removable mesh



The acoustic properties of the Renson®-blades have been tested by the internationally recognized laboratory, IFT Lab Rosenheim [Germany]



### SOUND REDUCTION IN DB PER FREQUENCY

f in Hz	R in dB
63	10.4
125	5.8
250	1.5
500	1.6
1000	4.5
2000	9.9
4000	10.8

## TECHNICAL SPECIFICATIONS

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

Airflow		[EN 13030]
K-factor [entry]		10,75
K-factor [discharge]		9,95
C <sub>e</sub> coefficient		0,305
C <sub>d</sub> coefficient		0,317
Comfort		[EN ISO 140-10, EN ISO 717-1]
Sound reduction R <sub>w</sub> [C;C <sub>r</sub> ]		6 [-1; -2] dB
Technical data		
Visual free area		77%
Physical free area		34%
Total depth		86 mm



## TECHNICAL DRAWINGS

