

# 468 SA

## Sand-trap louvre

BUILT-IN WALL  
LOUVRE

ALUMINIUM



### MATERIAL

- Made from aluminium sections: AlMgSi 0.5 (according to EN 12020-2)
  - Stainless steel 304 insect mesh (2.3 x 2.3 mm)
  - Finishing: anodized (20 micron) or powdercoated in any RAL or Syntha Pulvin colour (40 micron)
  - Vertically mounted blades. No rivets visible from the front.
  - Standard equipped with sand rejection sill, finished in the same colour as the louvre
- Note: when anodised, slight colour difference between sand rejection sill and louvre*

### DIMENSIONS

- Blade pitch: 85 mm
  - Depth to fit: 60 mm
  - Flange size: 25 mm
  - Minimum dimensions: 185 x 185 mm
  - Width = (multiple of 42,5) + 185mm
- Remark :*
- symmetric louvre when the multiple is even
  - asymmetric louvre when the multiple is odd
- Maximum dimensions: 2012,5 x 1200 mm
- Remark : at a maximum wind load of 2kN/m²*

### FIXING

- Brackets ref 429 included

### OPTIONS

- Anti-dust filter cassette class G4
- Controllable airflow modules mounted on backside (type / VA)
- Without flange
- Stainless steel 304 or mesh (6x6/10x10/20x20 mm) or without
- Insect screen or mesh in stainless steel 316

### TYPICAL APPLICATIONS

- Coastal area
- Dusty & polluted areas
- HVAC
- Power stations & high-voltage stations



## TECHNICAL SPECIFICATIONS

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

Sand-resistance [EN 13181]	
Suction air velocity	
0 m/s	97%
0.5 m/s	94%
Airflow [EN 13030]	
K-factor [entry]	115.62
K-factor [exhaust]	115.62
C <sub>s</sub> coefficient	0.093
C <sub>d</sub> coefficient	0.093
Technical data	
Visual free area	29%
Physical free area	29%
IP class	IP2XD



## TECHNICAL DRAWINGS

Cross-sections

