

# 452

## Wall louvre, heavy-duty series with chevron section blades

WATER-  
RESISTANT  
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]

### DIMENSIONS

- Blade pitch: 66 mm
- Depth to fit: 82 mm
- Flange size: 50 mm
- Minimum dimensions: 300 x 310 mm

### FIXING

- Brackets ref. 429
- For louvres taller than approx. 3 m<sup>2</sup>, a reinforcing mullion is required to suit span and windload

### OPTIONS

- Water channel
- Drainage profile
- Removable insect mesh
- Filter
- Without flange
- Glazed-in louvre available on request
- Stainless steel 304 insect screen 2.3x2.3 mm or mesh [10x10/20x20 mm] or without
- Insect screen or mesh in stainless steel 316

### TYPICAL APPLICATIONS

- Application where strength, stick-proof and excellent weatherability are important selection criteria
- High-voltage cabins
- HVAC
- No see-through



## TECHNICAL SPECIFICATIONS

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

Weatherability		[EN 13030]
Class for version with mesh 6x6 mm and water channel <i>[details see p. 12]</i>		A4 [1 m/s]
Airflow		[EN 13030]
K-factor [entry]		66.1
K-factor [discharge]		79.7
C <sub>e</sub> coefficient		0.123
C <sub>d</sub> coefficient		0.112
Technical data		
Visual free area		70%
Physical free area		41%
IP class		IP2XD
IP class for version with mesh 2.3x2.3 mm and water channel (electrical installation at least 250 mm)		IP44

## TECHNICAL DRAWINGS

