

450

Extreme weatherable louvre

WATER-
RESISTANT
LOUVRE

ALUMINIUM



Louvre 450 delivers the best performance on watertightness combined with a very high airflow.

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 in satin colour [20 micron] or powder coated in any RAL or Syntha Pulvin colour [40 micron],
- Fitted with a water channel at top and bottom to enhance drainage

DIMENSIONS

- Blade pitch: 50 mm
- Depth to fit: 159 mm
- Flange size: 52 mm
- Minimum dimensions: 200 x 230 mm
- Preferred height: [multiple of 50] + 230 mm

FIXING

- Brackets ref. 1428 included

OPTIONS

- Without flange
- Glazing-in louvre available on request.
- In combination with the L.050WS dummy blade
- Stainless steel 304 mesh [6x6/10x10/20x20 mm] or without
- Insect screen or mesh in stainless steel 316
- Filter

TYPICAL APPLICATIONS

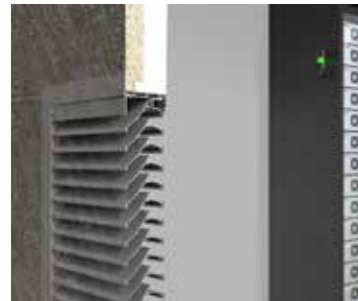
- Data and IT centres
- Power stations
- Substations
- Coastal applications



TECHNICAL SPECIFICATIONS

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

Weatherability		[EN 13030]
Class [details see p. 12]		A2 [3 m/s]
Airflow		[EN 13030]
K-factor [entry]		10.47
K-factor [discharge]		16.52
C _e coefficient		0.309
C _d coefficient		0.246
Technical data		
Visual free area		±80%
Physical free area		57%
IP class		IP44
IP class for non-standard versions		IP2XD



Water channel

TECHNICAL DRAWINGS

