

450V

Extreme weatherable louvre

WATER-
RESISTANT
LOUVRE

ALUMINIUM



Extremely water-resistant louvre with vertical blades combine an extreme water resistance with an incredibly high air flow.

MATERIAL

- Made from aluminium profiles AlMgSi 0.5 [in accordance with EN 12020-2]
- Standard stainless steel insect screen 304 - 2.3 x 2.3 mm
- Finishing: anodized in satin colour [20 micron] or powdercoated in any RAL or Syntha Pulvin colour [40 micron]
- Fitted with water channel as standard

DIMENSIONS

- Blade pitch: 50 mm
- Depth to fit: 159 mm
- Flange size: 52 mm
- Minimum dimensions W x H: 230 x 200 mm
- Preferred width: [multiples of 50] + 230 mm

FIXING

- Wall brackets no. 1428 included
- A reinforcing back structure is required for louvres that are wider than 2395 mm

OPTIONS

- Stainless steel 304 mesh - 6 x 6 mm [please note, this will impact the properties]
- Wire mesh in 316
- Without flange
- Removable insect screen
- Filter
- Glazed-in louvre upon request

TYPICAL APPLICATIONS

- Data centres
- Electric power stations
- Hospitals
- IT 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 [4 m/s]
Airflow		[EN 13030]
K-factor [entry]		10.75
K-factor [discharge]		16.52
C _e coefficient		0.305
C _d coefficient		0.246
Technical data		
Visual free area		±80%
Physical free area		57%
IP class		IP2XD



Water channel

TECHNICAL DRAWINGS

