

412

Built-in wall louvre with chevron section blades

BUILT-IN WALL
LOUVRE

ALUMINIUM



412 with dust filter

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]
- Equipped with earthing lug

DIMENSIONS

- Blade pitch: 20 mm chevron
- Depth to fit: 29 mm
- Flange size: 21 mm
- Minimum dimensions: 100 x 100 mm

FIXING

- Brackets ref. 418
- For louvres larger than approx. 3 m², a reinforcing mullion is required to suit span and windload

OPTIONS

- Water channel
- Drainage profile
- Removable insect mesh
- Backframe
- Filter
- Without flange
- Glazed-in louvre 415 (see p. 88)
- Stainless steel 304 mesh [2,3x2,3/10x10/20x20 mm] or without
- Insect screen or mesh in stainless steel 316
- Spring clips 419 (small dimensions)

TYPICAL APPLICATIONS

- High-voltage stations
- IT rooms

STOCK MODELS

Dimensions (W x H) mm	Natural colour anodised F1	Airflow at 2 Pa (m ³ /h)
200 x 200	00041222	45
300 x 300	00041233	102
400 x 300	00041243	136
500 x 300	00041253	170
600 x 400	00041264	271



TECHNICAL SPECIFICATIONS

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

Weatherability		[EN 13030]
Class for execution with mesh 2.3x2.3 mm and water channel (details see p. 12)		A4 [1 m/s]
Airflow		[EN 13030]
K-factor [entry]		34.60
K-factor [discharge]		34.60
C _e coefficient		0.170
C _d coefficient		0.170
Technical data		
Visual free area		93%
Physical free area		39%
IP class		IP2XD
IP class for version with mesh 2.3x2.3 mm and water channel (electrical installation at least 350 mm)		IP44



TECHNICAL DRAWINGS

