

421

Built-in wall louvre, heavy-duty series

BUILT-IN WALL
LOUVRE

ALUMINIUM



MATERIAL

- Made from aluminium sections: AlMgSi 0.5 [according to EN 12020-2]
- Stainless steel 304 insect screen [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]

DIMENSIONS

- Blade pitch: 50 mm
- Depth to fit: 46 mm
- Flange size: 40 mm
- Minimum dimensions: 150 x 150 mm

FIXING

- Brackets ref. 1428
- 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
- Filter
- Without flange
- Glazed-in louvre 424 [see p. 94]
- Burglar resistance louvre 421RC2 [see p. 118]
- Stainless steel 304 mesh [6x6/10x10/20x20 mm] or without
- Insect screen or mesh in stainless steel 316

TYPICAL APPLICATIONS

- Applications where aesthetics and strength are key parameters

TECHNICAL SPECIFICATIONS

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

Airflow		[EN 13030]
K-factor [entry]		13.42
K-factor [discharge]		11.73
C _e coefficient		0.273
C _d coefficient		0.292
Technical data		
Visual free area		70%
Physical free area		49%
IP class [louvre with mesh; electrical installation at least 100 mm from louvre]		IP2XD



TECHNICAL DRAWINGS

