



Aluminium Louvre Grille 412

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Creating healthy spaces

Detailed description

Framed, double-bank, fixed-louvre aluminium ventilator, for exterior wall recess-mounting.

- Enables secure, weather resistant ventilation with exclusion of insects. Suitable for enclosure of high voltage installations. Physical free area: 39 %.
- Aluminium profiles with choice of finish. Blades at 20 mm centres.
- Suitable for insertion into wall openings from exterior. 23 mm (maximum) flange overlap.
- Flange overlap (maximum): 21 mm overlap, 5 mm projection.
- Flange projection: 5 mm.
- Internal prefixed brackets for reveal fixing.
- Dimensions without flange (minimum): 100 x 100 mm. Made to measure.
- Similar model 412R available for circular apertures.

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Product guidance - As Standard

Material:

Aluminium alloy: AlMgSi 0.5 to DIN 1748.

Product specification

Manufacturer

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Product reference Aluminium Louvre Grille 412, rectangular
Aluminium Louvre Grille 412, round
Aluminium Louvre Grille 412, self-assembly

Dimensions Single panel, aperture (w x h x wall thickness), ___ x ___ x

Renson Fabrications Ltd



___ mm

Single panel, to outer edge of frame (w x h), ___ x ___ mm

Multiple panel, as drawing ___
- Requires coupling bars.

Mounting

Backframe - Nonstandard option. Required for panels larger than 3 m².

Brackets type 418 - Standard option. Screw fix to reveal.

Pre-installation frame

Spring clips type 419 -

Nonstandard option. For small panels.

As drawing ___

Finish (aluminium components)

Anodized, natural - 20 µ. Type E6/ C34 to DIN 17611.

Diameter (maximum in one piece): 1400 mm.

Polyester powder coating, RAL colour ___, sheen ___ % -

60–70 µ. Diameter (maximum in one piece): 1500 mm.

Polyester powder coating, Syntha Pulvin colour ___, sheen ___ % - 60–70 µ.

Diameter (maximum in one piece): 1500 mm.

Other requirements

None

Coupling bar - For multiple panel unit.

Drainage profile - Projecting drip for fixing to bottom flange.

Dust filter - With aluminium frame. Fixes to interior of louvre panel.

Earthing lug

Insect mesh, 2.3 x 2.3 mm - Standard option. Grade 304 stainless steel.

Insect mesh, 6 x 6 mm - Nonstandard option. Grade 304 stainless steel.

Water channel - For insertion behind bottom louvre.

Projecting internal collection channel with drip to exterior.