

a total **louvre design**
and **manufacturing service**

BLC50 Series Aluminium Louvres

Aluminium extrusions type 6063-T6 to BS1474 having a minimum thickness of 1.6mm .

The louvre comprises louvre blades inclined at 45° and mounted at 50mm pitch within 100mm deep fabricated frame. The face flange is rolled from a 50 x 5mm aluminium flat bar and the casing is 3mm thick. Fixing is through the face flange or the casing web. The blades are retained through the rear return flange.

Galvanised bird screen supplied as standard. Frames can be flanged for surface mounting or recessed to give frameless appearance.

Louvre blades secured by a minimum of four no.8 x 19 screws per blade to provide robust assembly.

Louvre sizes made to suit customer requirements.

Recommended minimum size: 300mm diameter. Maximum Size: 2500mm diameter.

Nominal free area: 50%

Maximum BSRIA weather test rating (simulated rainfall of 75mm/hr, wind speed of 13m/sec): 89.42% Class C

Face Velocity (metres per second) : 0.5 1.0 1.5 2.0

Pressure drop (Pascals) 2.48 9.91 22.3 39.65





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Fixing

Supplied as standard with flanges undrilled. Fixing through flange or neck.

Options

- Insect Screen
- Blanking Panels (single skin plate or insulated blanking panel)
- Vermin Guard
- Removable core

Finish

- Polyester Powder coated to any standard RAL or BS 4800 range colours
- Special finishes available on request

Orders/Enquiries

Identify your requirements using our product codes as follows:

BLC – all products, **R** – recessed frame, **S**- surface mounted/flanged frame, **50** – blade pitch, **P** – powder coated (confirm colour reference separately where known), **M** – mill finish, **IM** – insect mesh (bird guard is included as standard).

Example:

BLC50P-IM (BLC50 series circular louvre in flanged frame, polyester powder finish with insect mesh).



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