

a total louvre design
and manufacturing service

BL50 Series Aluminium Louvres

Aluminium extrusions type 6063-T6 to BS1474 having a minimum thickness of 1.6mm . Mitred frame joints TIG welded for additional strength.

The louvre comprises louvre blades inclined at 45° and mounted at 50mm pitch within 50mm, 75mm or 100mm deep frame. Galvanised bird screen supplied as standard. Frames can be flanged for surface mounting or recessed to give frameless appearance. The bottom blade is extended over the outer frame to prevent ingress of water and provide drainage from the louvre face.

Louvre blades secured by a minimum of four no.8 x 19 screws per blade to provide robust assembly. BL50/75 and BL50/100 systems include extruded aluminium channel mullion to rear to further increase strength.

Louvre sizes made to suit customer requirements.

Recommended maximum. size for a single unit: 1000 x 2000 for 50mm deep system . Upto 2000 x 2000 for the 75mm and 100mm deep systems. Larger sizes accommodated in multi-panel systems.

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





BRIDGE
LOUVRE

COMPANY
LIMITED

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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
- Removablecore/hinged core

Finish

- Mill finish as standard (untreated and unpolished aluminium)
- Polyester Powder coatings 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:

BL – all products, **R** – recessed frame, **S**- surface mounted/flanged frame, 50 – blade pitch, 50,75 or 100 – frame depth (choose one), **P** – powder coated (confirm colour reference separately where known), **M** – mill finish, **IM** – insect mesh (bird guard is included as standard).

Example:

BLS50/50P-IM (BL50 series louvre in 50mm flanged frame, polyester powder finish with insect mesh).



