

QEF 75-35 FLAT BLADE LOUVRE



Single bank extruded aluminium louvre pitched at 75mm with a 35mm front face. A bespoke design to achieve the architectural design intent. The system achieved Class A4 up to 0.5m/s and Class B4 up to 1.0m/s face velocity.

Suitable for applications where the blade shape is desirable and intake velocities are low.

Construction Details

- QEF louvres are designed as component louvres for ease of installation and to maximise flexibility in architectural design.
- Louvres can be supplied as framed units or as true continuous line louvres with no restriction in height or width and no visible fixings to the exterior face.
- The system comprises louvre blades, vertical mullions with loaded blade clips and casement frame with inserts as required.
- Louvres are supplied factory finished for smaller sizes or in kit form for site assembly.
- All louvre components extruded aluminium to BS6063 T6, typically polyester powder coated to RAL or BS4800 colour range, alternative finishes include Decoral timber effect, anodised or mill finish.

Technical Data

Louvre Free Area 41%

Louvre Coefficient (C_d): 0.162

Performance Classification

| Face Velocity | Class |
|---------------|-------|
| 0.5 m/s | A4 |
| 1 m/s | B4 |
| 1.5 m/s | C4 |

Results provided by BSRIA against the standard HEVAC test to EN13030. Measuring water penetration at a given face velocity while subject to a 13m/s simulated wind velocity and simulated rain fall of 75mm/hr.

Options

- Standard inserts: flange, drip and glaze-in.
- Mesh: aluminium or s/s insect mesh, or galv. bird mesh.
- Demountable mesh frames.
- Blanking: single skin or insulated panel.
- Mullions: 4 sizes available to suit louvre height.
- Louvre doors: single or double.
- Louvre corners: fully mitred or flashed.
- Fixing cleat: adjustable angle, twist lugs or clamps.

