

Air
Light
Vision



QEF VERTICAL 50 CHEVRON LOUVRE

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Double bank extruded aluminium curved blade louvre pitched at 50mm. Vertical aligned the QEF Vertical 50 Chevron louvre achieves Class A3 up to 3.5 m/s face velocity, with insect mesh fitted.

Designed to out-perform horizontal double and triple bank louvres that offer the design team an economical alternative where the vertical blade alignment is aesthetically acceptable.

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.

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.

Technical Data

Louvre Free Area 50%

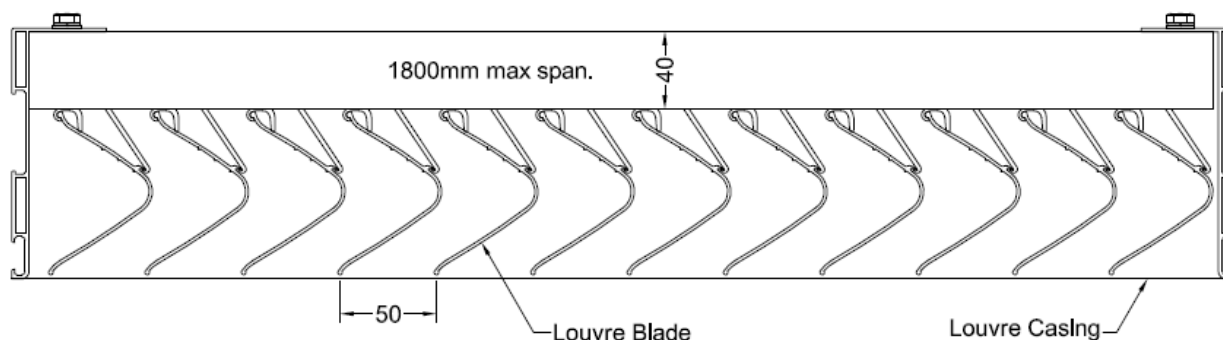
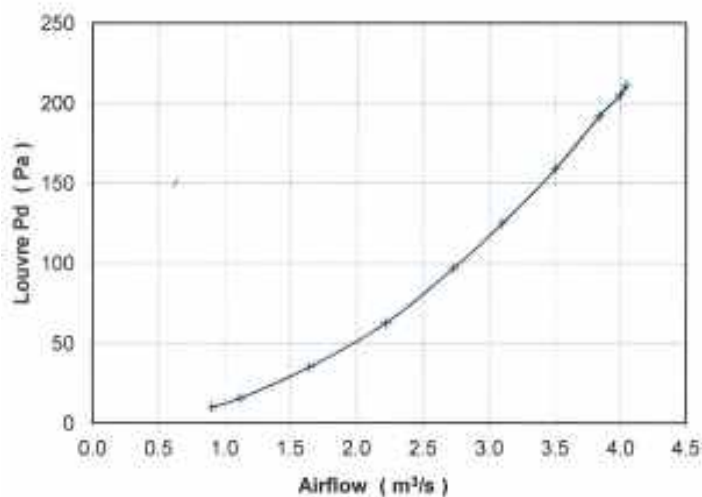
Louvre Coefficient(Cd):0.210

Performance Classification

Face Velocity	Class
0 m/s	A3
1.5 m/s	A3
3.5 m/s	A3

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.

Resistance to Airflow (C_e)



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