

QEF VERTICAL BLADE STORM LOUVRE



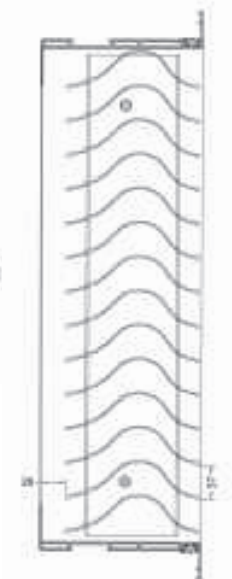
Multi pass extruded aluminium curved blade louvre pitched at 37mm, with louvre blades set in the vertical. The ingenious design of this louvre is the result of extensive research to produce a louvre capable of withstanding heavy rainfall whilst acting as an intake louvre. The results achieved at BSRIA exceeded all previous records with an A1 classification up to 3.5m/s face velocity. QEF are not aware of any other louvre achieving an A1 classification. The vertical louvre should be specified where the highest level of weathering combined with exceptionally low pressure drop are required.

Construction Details

- Vertical Louvres are supplied as framed units with a height restriction of 1800mm and no visible fixings to the exterior face.
- The system comprises vertical louvre blades set into spacer channels mounted within the louvre casement frame with inserts as required.
- Louvres are supplied factory finished for smaller sizes or in multiple panels 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 glaz. bird mesh.
- Demountable mesh frames.
- Blanking: single skin or insulated panel.
- Fixing cleat: adjustable angle, twist lugs or clamps.



Technical Data

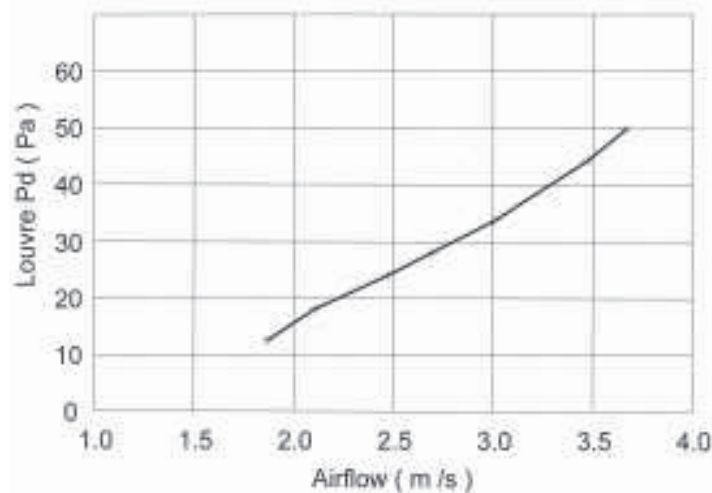
Louvre Free Area 50%

Louvre Coefficient (Cd): 0.403

Performance Classification

Face Velocity	Class
0 m/s	A1
2 m/s	A1
3.5 m/s	A1

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.



Alternative QEF Louvres

QEF 50 Chevron Blade Louvre	-QEF 50 Flat Blade Louvre
QEF 50 Curved Blade Louvre	-QEF 75 Curved Blade Louvre
QEF 75 Flat Blade Louvre	-QEF 78% Open Area Louvre
QEF Screening Blade Louvre	-QEF 50 High Performance Louvre

QEF LIMITED, DUBLIN ROAD, KILKENNY, REPUBLIC OF IRELAND
E-MAIL: sales@qefltd.ie