McKenzie Martin Ltd

LOUVRE AND NATURAL VENTILATION SPECIALISTS

Maximair K Series

Extruded Weather Lip Louvre System

McKenzie Martin—Louvres and Natural Ventilation

Eton Hill Works, Eton Hill Road, Radcliffe, Manchester. M26 2US

Www.McKenzieMartin.co.uk Sales@McKenzieMartin.co.uk Tel: 0161 723 2234

Maximair 'K' Series

Available Features

- Turrets
- Mitred Corners
- Tapered Louvres
- Various Shapes to Suit Requirements
- Concealed Mullions
- Box Frames, Flanges, Cills, Flashing
- Bird/Fly Mesh
- Blanking Plates (Single Skin or Insulated)
- Integral Doors
- Double/Multiple Banks

Available Finishes

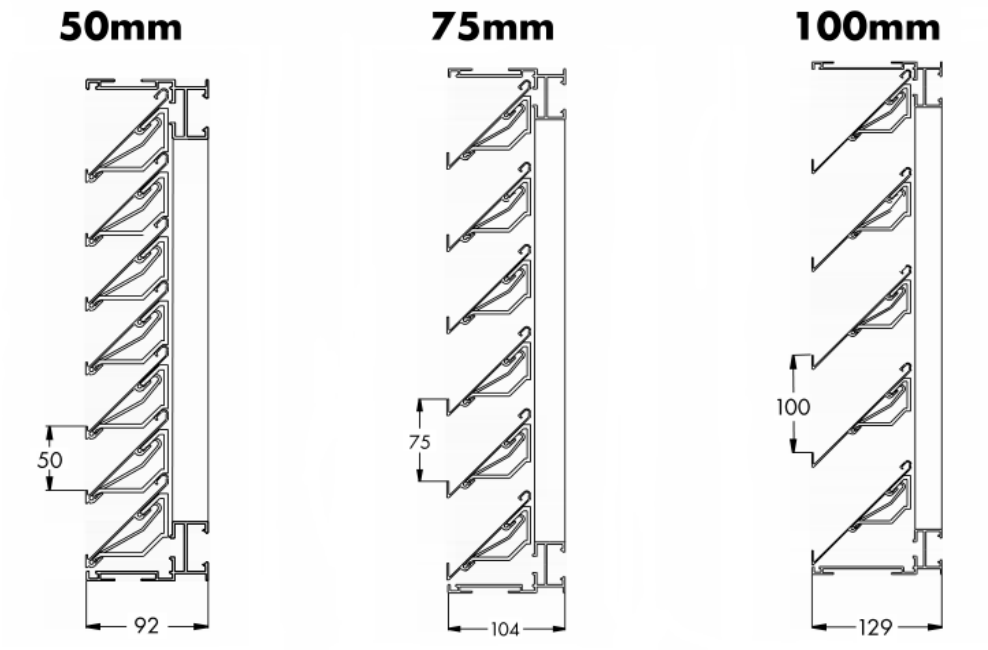
- Natural Mill Finish
- Polyester Powder Coated to your choice of RAL
- Anodised
- Stoved Acrylic

The System

The 'K' Series architectural Louvre has been specifically designed to provide the required performance characteristics in both minimum water ingress and resistance to airflow. At the same time the unique blade design offers a sharp and aesthetically pleasing line.

The system is designed as an integrated series of components which provide enhanced water rejection. Each louvre blade incorporates a front channel and rear trap to transport excess water to the edge of the blade. In a box frame application the surplus water is shed via drainage channels within the frame sides. Various options are available to provide an effective system for every situation.

Available Sizes



Model	Approximate Weight	Free Area
'K' Series 50	11.457 kg/m²	43%
'K' Series 75	9.99 kg/m²	49%
'K' Series 100	10.61 kg/m²	54%

PLEASE NOTE—The free areas given do not take into account the top and bottom louvre blades which may reduce the overall percentage free area of the unit. The blockage effect of the top and bottom blades is increased on smaller height units. Please refer to McKenzie Martin for separate technical data on each size of louvre unit.

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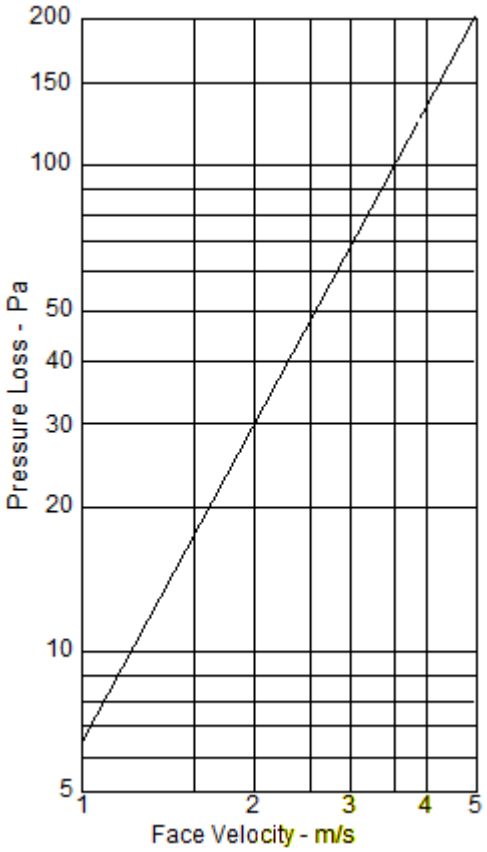
Testing Data

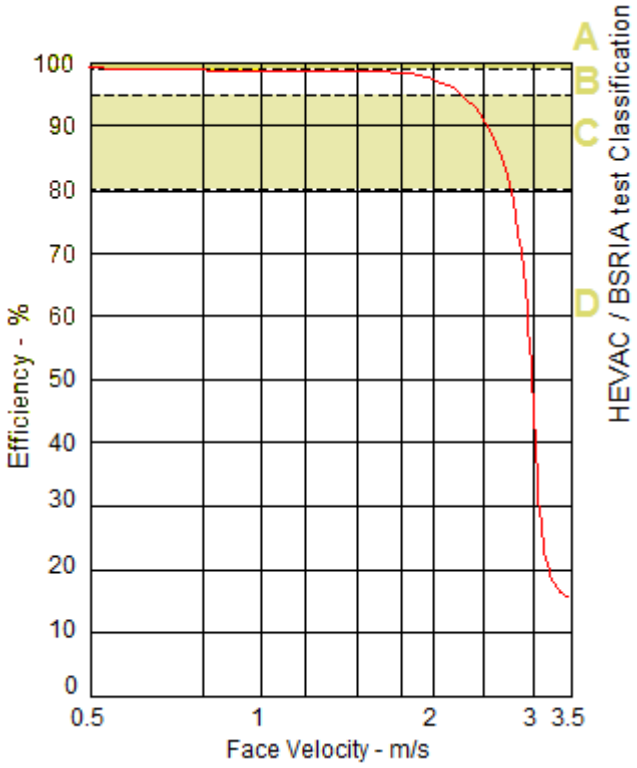


This graph enables the predicted pressure loss, or resistance of the louvre to be obtained at various airflow rates.

Using the HEVAC/BSRIA the K Series Range has a Class 2 status with an aerodynamic coefficient between 0.3 and 0.399

The HEVAC / BSREA weather louvre test introduces a classification system for effectiveness of water rejection at a given velocity.

The graph shown to the right indicates the predicted performance of the louvre at various velocities and shows the appropriate classification.



Maximair 'K' Series

Manufacturing Materials

- Louvre blades, frame components and vertical support mullions—Extruded Aluminium sections manufactured from 6063 T6 aluminium to BS1474
- Expanded aluminium mesh and any folded or fabiracted aluminium items are manufactured to BSEN 485
- The louvre blade clip and mesh retaining clip is produced using an engineering grade plastic manufactured from acetal co-polymer

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Available Products

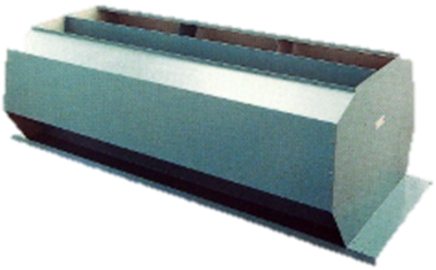
We offer a wide range of ventilation products to cover a variety of applications

Architectural Louvres

- Maximair
- Maximair Double Bank
- K Series Louvres

Fabricated Louvres

- Continuous Fixed Louvre
- Fixed Box Louvre
- Combination Louvre
- Sand Trap
- SR Louvre
- Chevron
- Louvred Doors
- Turrets
- Acoustic Louvres
- Dummy Louvres



Natural Ventilation

- Mackridge
- Kenstack
- Clearvent
- Multivent
- Macvent
- Dummy Louvres

Smoke Ventilators

- Clearfire 2000
- Clearfire 2000 LV
- Firemac 2000
- Vestra 2000
- Vertica 2000
- Clearlite 2000

Operating Louvres

- Operating Box Louvres
- Thermac Operating Louvres

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