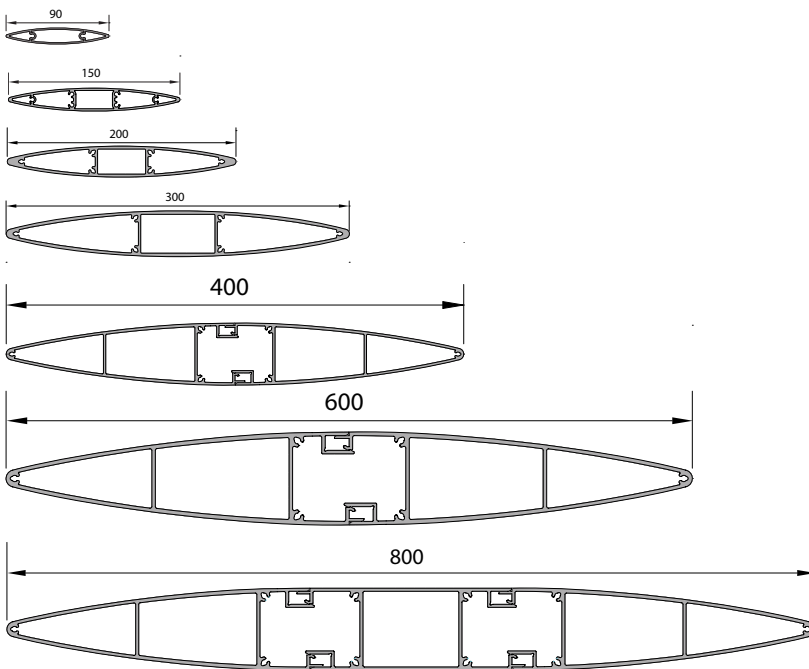


maxim fins

maxim
louvres

Maxim offer a range of elliptical fins for commercial and high-end residential developments. Their look enhances the appearance of any facade and, they provide unparalleled functionality when it comes to light, heat and privacy control. The Maxim Elliptical Fin system is a robust, engineer certified facade system for buildings with average through to cyclonic wind and weather conditions. Made from extruded aluminium, the elliptical fins come in seven sizes. They can be mounted horizontally or vertically with fixed or tilting fin options.



mf90

mf150

mf200

mf300

mf400

mf600

mf800

versatility

- adjustable or fixed
- motorised or manual operation
- horizontal or vertical blades
- concealed motors
- wind and weather resistant
- low maintenance

insulate

- reduces heat gain by up to 90%
- improves A/C efficiency
- reduces glare
- reduces UV damage

maxim fins

key points

- extruded aluminium blades for rigidity.
- stainless steel pivot is suitable for cyclone prone areas.
- used for privacy screens, fences, pergolas, awnings, gates.
- fins can be fixed, adjustable (manual/electric) or a combination of both.
- optional fin angle and spacing.
- can be installed horizontally or vertically.
- continuous lengths up to 6500mm providing an aesthetically pleasant clean line especially suited to continuous facade applications.
- fin widths include 90, 150, 200, 300, 400, 600 and 800mm.
- end fixing between flat bar or box frames to express the frame (see drawings).
- concealed brackets allow a continuous look and framing is concealed (see drawings).
- exposed fins are finished with an aluminium end cap.
- where motorised adjustable systems are used, these can be interfaced to Building Management Systems or simple sun and/or light sensor systems.

construction

Fins – extruded aluminium: sizes: 90 x 14, 150 x 20, 200 x 27, 300 x 40, 400 x 54, 600 x 75, 800 x 75. Other sizes may be extruded to order.

Frames – 80 x 50mm, 100 x 50 mm RHS.

Bracket clips – various, refer drawings.

Finishes – fins, brackets, frames, etc. can be powdercoated or anodised in a vast choice of colours.

control options

Manual – rotate fins by hand.

Gearbox and handle or knob – through varying transition connectors, the gear winder is concealed in the frame and operable by a knob or extended crank handle.

Electric motor – fully concealed within the frame. Especially suited to inaccessible louvre panels or when size and weight prevent the use of manual operation.

Auto controls –

- up to 6400 motors can be controlled simultaneously with local override available.
- control can be customised according to the needs of the project. Maxim Fins can be adjusted taking into account the Solar Angle of Incidence (SAI).
- sun and wind sensors control.
- programmable control via Building Management Systems (BMS).

Span chart

fin	flat span/operable	span at 45°/fixed
90	1500	1700
150	2500	3000
200	2800	3300
300	3000	4500
400	3500	5000
600	4000	5800
800	4500	6000

