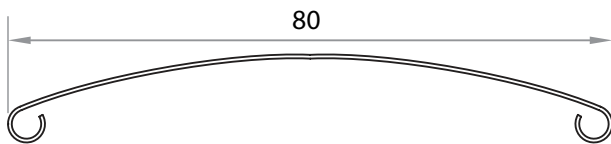


mv80c maxim external venetian blind

Maxim External Venetian blinds are the most versatile external louvre product because they are fully retractable and adjustable. It is a robust, high quality, precision built shading system and has been specifically designed for external shading where energy efficiency and the reduction of solar heat gain is of prime consideration.

mv80c

- a crowned blade with rolled edges for added strength in strong wind.
- fully retractable manual or motorised control.
- the most popular louvre blade in Europe and Australia.



maxim
louvres

mv80c

versatility

- 12 standard colours
- electric or manual control
- adjustable
- retractable
- internal or external
- low maintenance

solar control

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

mv80c maxim external venetian blind

maxim
louvres

Maxim External Venetian blinds can be used in most projects if our recommendations for blade design, sizes and installation are followed. For maximum **strength** and **longevity**, small rather than large blinds should be fitted close to the building façade. Side guides and automatic wind **sensors** can be provided for added wind protection. Contact us early in the design stage of the project as our experienced input will ensure the best result.

key points

- 12 standard colours and custom colours for large projects.
- aluminum blades are coil coated and oven cured in Switzerland using the highest quality procedures.
- european motors.
- electrically or manually controlled.
- electrically operated the blinds can be controlled by switches, remote control or totally automatic controls.
- retractable.
- can withstand strong winds when fitted close to the building façade.
- also available for internal use.
- **reduction in internal heat gain of up to 90%.**
- reduces U/V damage.
- reduces unwanted glare and maintains excellent visibility.
- **energy savings**, air conditioning plants operate more effectively.
- tilt angle of the louvres may be adjusted through 135° to provide shading, provide outward vision or allow the winter sun to enter the building.
- complete privacy control.
- no maintenance required apart from cleaning. Self lubricating motors and bearings and UV resistant lifting tapes.

construction

Headbox – the extruded aluminium headbox houses the tilt, raise and lowering mechanisms. A single drive shaft runs in nylon bearings for quiet and lasting operation. An electric motor or manual gear winder is fitted within the headbox.

Blades – aluminium blades are coil coated and oven cured for corrosion resistance and a long life.

Adjusting tapes – a flat lifting tape ensures even lifting across the entire width of the blind. The patented Texband® lifting tape is designed with very high abrasion resistance. The louvre is supported by a Terylene ladder braid with double straps. All tapes are resistant to U/V and rotting to provide a long, maintenance free life.

Pelmet – standard pelmet is 200mm in height, extruded aluminium, powdercoated to closely match the blade colour.

Recess – Blinds can be recessed. See drawings for dimensional details.

Side guides – either extruded aluminium or PVC sheathed stainless steel, wire side guides are available. The extruded side guides provides superior tilting and light blockout compared to the wire guides. In gusty conditions, louvre blade movement is minimized where extruded guides are used. Anti-friction inserts in the side guide extrusion negate noise.

Finishes – the side guides and bottom bar are finished in either clear anodised or powdercoated to closely match the blade colour.

controls

Electric motor – the European made high torque reversing motor tilts, raises and lowers the blades.

Maximum Width	5800mm
Maximum Height	4500mm
Minimum width	600mm
Maximum area	24m ² (up to 3 blinds linked)

Gearbox and handle – normally used for smaller blinds (up to 2m high and 9m²). Through varying transition connectors, the gear winder is operable by an internal or external handle.

Maximum width	4500mm
Maximum height	2000mm
Minimum width	600mm
Maximum area	9m ²

Automatic controls

- up to 6400 motors can be controlled simultaneously with local override available.
- control can be customised according to the needs of the project. Slats can be adjusted taking into account the Solar Angle of Incidence (SAI) throughout the day for every geographical location.
- sun and wind sensors automatically control the blinds for local weather conditions.
- totally flexible programming allows control of other shading devices and interface with other Building Management Systems (BMS).

high rise buildings

For the **best performance** these blinds should be fitted between double glazing. This gives maximum energy benefits and protects the blinds from the extreme and damaging weather. This option also keeps the blinds clean so maintenance is minimised.

If fitted outside the glazing, the blinds should be kept to narrower widths and fitted as close to the building as possible to minimise the risk of wind damage.

