

mv84 maxim external venetian blind

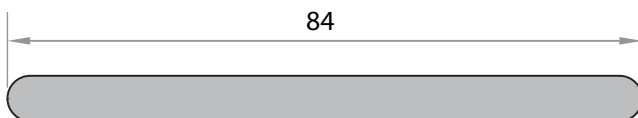
maxim
louvres

Western Red Cedar 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.

mv84

- cedar provides all of the insulating benefits of the aluminium MV with the warmth of timber.
- the construction of the MV84 is the same as the other MV blinds but because of the weight of cedar the maximum sizes are smaller than aluminium blinds.
- louvre blades are precoated in a natural oil finish.
- timber is a natural product so colour variation will occur.
- headbox, side guides and bottom bar are either clear or bronze anodised.



mv84

versatility

- electric or manual control
- adjustable
- retractable
- internal or external

solar control

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

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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

- european motors.
- electrically or manually controlled.
- electrically operated the blinds can be controlled by: switches, remote control or totally automatic controls.
- 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 become more effective.
- tilt angle of the louvres may be adjusted through 90 degrees to provide shading.
- no maintenance required apart from cleaning. Self lubricating motors and bearings and UV resistant lifting tapes.

Note 1: The mv84 will not provide total closure.

Note 2: The blade colour will fade over time.

construction

Headbox – the extruded aluminium headbox houses the tilt, raise and lower 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 – Western red cedar – when extruded aluminium side guides are used each blade has a controlling guide pin attached to alternate ends to guide the blade and minimize movement created by any breezes.

Adjusting tapes – the MV blinds use a flat lifting tape to ensure even lifting across the entire width of the blind. The patented Texband® lifting tape is designed with very high abrasion resistance. The blade is supported by a Terylene 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.

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

Side guides – extruded aluminium or PVC sheathed stainless steel wire side guides. The extruded guides allow a superior tilt and light block out compared to the wire guides and in gusty conditions blade movement is minimized. Anti-friction inserts in the side guide extrusion negate noise.

Finishes – side guides and bottom bar are clear or bronze anodised.

- Cedar blades are coated with a clear oil finish (this will fade over time).

NB. Cedar is a natural product, colour and grain will vary.

controls

Electric motor – the european made high torque reversing motor tilts, raises and lowers the louvres.

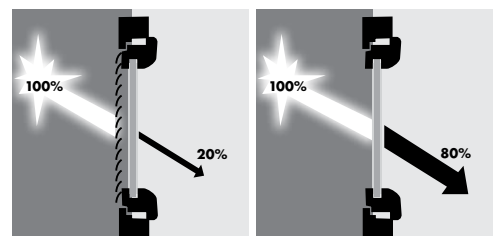
Maximum Width	3500mm
Maximum Height	4000mm
Minimum width	600mm
Maximum area	20m ² (up to 3 blinds linked) or 12m ² (1 blind)

Gearbox and handle – normally used for smaller louvre areas (up to 2m high and 6m²). Through varying transition connectors, the gear winder is operable by an internal or external handle.

Maximum width	3500mm
Maximum height	4000mm
Minimum width	600mm
Maximum area	6m 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. Blades 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).



Product design and specification subject to change without notice.