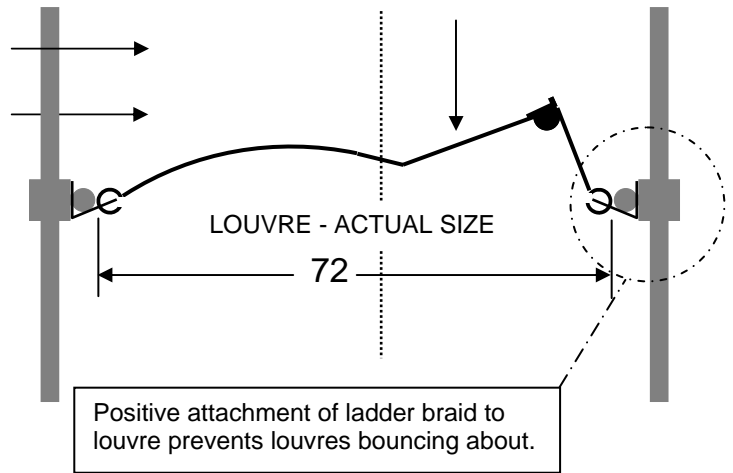


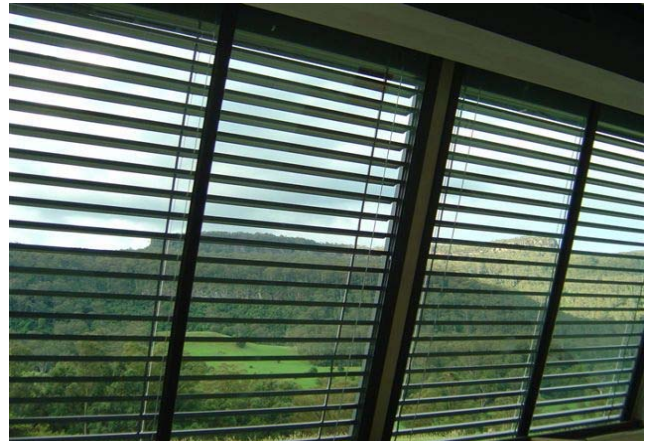
maxim louvres

MV72 Retractable Louvre

The aerodynamic shape of the louvre results in the wind hitting the upward sloping section, pushing it down, providing greater stability and strength in windy conditions than blinds using conventional "C" section profiled louvres.



Provides unsurpassed heat and glare reduction while still maintaining excellent visibility.



Suitable for both domestic and commercial use.



The way in which the louvre is shaped enables the lifting tape to pass through so as not to hinder each louvre closing against the next, thereby providing superior light block out over that of conventional "C" section profiled louvres.

MAXIM Louvres MV72

The Revolutionary Retractable Exterior Louvre Blind

APPLICATION:

The Maxim MV72 with aerofoil profiled louvres provides greater stability in windy conditions than blinds using conventional "C" section profiled louvres. The blind is a robust, high quality, precision built shading system. It has been specifically designed for external shading where the reduction of solar heat gain is of prime consideration. An MV72 blind fitted externally can provide a reduction of heat transmission through glass of up to 90% (when applied to double glazing) and is a very effective barrier against U/V penetration into the building. MV72 can be electrically or manually controlled to provide comfortable living or working conditions. Air conditioning plants become more effective and save on running costs. If electrically operated the blinds can, if desired, be controlled in conjunction with automatic sun and wind sensors or Building Management Systems (BMS) to provide greater control. The tilt angle of the louvres may be adjusted through 90° to provide shading, but still provide outward vision.

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. Headbox support brackets may be face or top fixed.

Louvres – The aerodynamic shape of the louvres, the rolled edges, combined with a Low Density Polyethylene weather strip inserted during the roll forming process ensures minimal noise and provides added strength to the louvres while improving wind stability and block out characteristics of the blind. Each louvre has controlling guide pins attached to both ends to guide the louvres in side guide extrusions. The louvres are available in a selection of pre-coated oven baked colours.

Adjusting Tapes – The MV72 blind uses a flat lifting tape (as against a round cord) to ensure 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 Kevlar® reinforced support braid with positive attachment to the louvre (see inset). The positive attachment of the support braid prevents the louvres bouncing about in strong breezes as may occur with conventional ladder type support braids. The combination of Kevlar® and positive attachment allow very high blinds to be manufactured without stretching. All tapes are resistant to U/V and rotting. Their high tensile properties provide a long trouble free life. All tape ends are secured with stainless steel pins.

Pelmet - Custom made pelmets can be provided to suit the building design, or blind recesses may be incorporated in the initial design.

Side Guides - Extruded aluminium, unlike wire side guides, in gusty conditions minimises movement to less than 2mm and anti-friction inserts negate noise.

Finishes - Headbox, side guides and bottom bar are all 20 micron mat natural anodised. Other anodised and powder coat finishes are available to order.

CONTROLS:

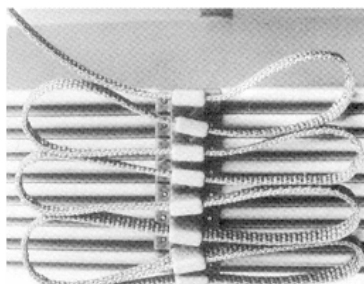
Electric Motor - The high torque reversing motor tilts, raises and lowers the louvres. A single motor may drive coupled blinds if building design and blind size permit (max' 3 blinds up to 24m² total area).

Gearbox and Handle- Normally used for smaller louvre areas (up to 2m high and 9m²). Through varying transition connectors, the gear winder is operable by an internal or external handle.

Auto Controls - Auto control systems are available according to the needs of the project. These can be interfaced to Building Management Systems or simple sun/wind systems.

TECHNICAL DATA:

For specification and dimensional details, contact Maxim Louvres.



The louvre support braid and its method of attachment provide an incontestable appearance and minimal pack height.

Minimum width with manual gearbox	605mm	Maxim Louvres external retractable louvre blinds are designed for sun protection with minimal privacy, wind and rain protection. Blinds should be retracted in strong winds. No protection is offered from burglary or fire.			
Maximum width with manual gearbox	5800mm				
Minimum width with electric motor drive	600mm				
Maximum width with electric motor drive	5800mm				
Maximum height with manual gearbox (recommended)	2000mm (9M ²)	Maximum view height	1755mm	Pack height	245mm
Maximum height with electric motor drive	4500mm (24M ²)	Maximum view height	4090mm	Pack height	410mm
Coupled blinds:	Up to 3 blinds totalling 8M wide with up to 9M ² for manual gearbox or 24M ² for electric motor.				