mc85
maxim continuous louvres

Adjustable, Frameless Extruded Aluminium Louvres

Maxim Continuous Louvres are an adjustable though non-retractable, robust, high quality, precision built shading or privacy system. It has been specifically designed for situations where slope, shape, size or wind may prevent the use of a retractable blind.

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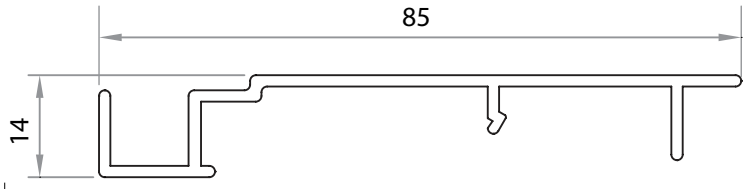
– flat aluminium blade with a shiplap or panelling/cladding appearance.
– interlocking design enables light block-out of up to 95%.
– extruded aluminium for rigidity and wind resistance.



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versatility

horizontal or vertical installation
electric or manual control
adjustable through 90°
low maintenance
privacy, glare and heat control
wind and weather resistant

insulate

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

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key points

– any powdercoat or anodised colour can be used for the blades and rack arms.
– extruded aluminium blades for strength and wind resistance.
– electrically or manually controlled.
– electrically operated the blinds can be controlled by: switches, remote control or totally automatic controls.
– european motors.
– precision engineered gears.
– can withstand most wind and weather conditions.
– louvres may be installed horizontally, vertically or at any intermediate angle and can be fabricated to fit almost any shape of window (triangular, circular, trapezoidal, rhombus, etc.)
– provide an excellent dim-out and can be rotated through 90 degrees providing excellent heat, glare and/or view control.
– can be fitted externally or internally with electrical or manual control to provide comfortable living or working conditions.
– reduces internal heat gain by up to 90%
– **energy savings:** air conditioning plants become more effective and save on running costs.
– no maintenance required apart from cleaning.
– complete privacy control.

construction

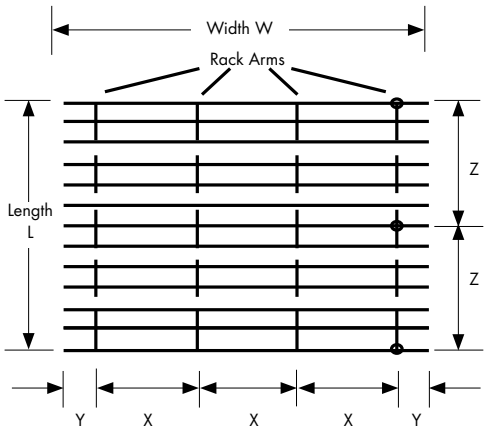
Rack arms – the extruded aluminium rack arms support the UV stabilized nylon tilt operating pivot mechanisms. Three different versions of rack arm are available to suit different building limitations.
Blades – extruded aluminium blades.
Finishes – blades and rack arms can be powder coated or anodised in a vast choice of colours. Drive shaft is available in an anodised finish only.

controls

Electric motor – a single motor may drive coupled blinds if building design and blind size permit (max. 3 blinds up to 18m^2 total area).
Manual – by hand, handle or knob – Normally used for smaller louvre areas (up to 15m^2). Through varying transition connectors, the gear winder is operable by an internal or external handle.

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 louvres for local weather conditions.
– totally flexible programming allows control of other shading devices and interface with other Building Management Systems (BMS).



Dimension	Description	Internal	External
W	Maximum length of blade - Anodised	6400mm	6400mm
	Maximum length of blade - Powder coated	6500mm	6500mm
L	Maximum length of rack arm	6400mm	6400mm
X	Maximum distance between rack arms	1400mm	1300mm
Y	Maximum blade overhang	400mm	300mm
Z	Maximum support spacing (std. R/arm)	1400mm	1200mm
	Maximum support spacing (60 x 40 R/arm)	4000mm	3000mm
	Maximum support spacing (80 x 40 R/arm)	5000mm	4000mm
Max. area	Manual gearbox	15m^2	15m^2
Max. area	Electric motor	18m^2	18m^2