

SPECIFICATIONS



Vollay V2000 LWS-M – Louvre Window System-Motorised

The system shall be based on a pair of “U” shaped side galleries, either 100 or 150mm deep x 80mm high and extruded from aluminium.

The galleries each have a series of extruded aluminium blade holders to suit 102mm x 6mm or 152mm x 6mm blades that are available in either 6mm glass or aluminium. These blades operate through 85 degrees and are driven on one side by a concealed extruded aluminium control rod. They are connected to an internal “Z” aluminium linkage which is adjusted using an 11:1 gearbox, which is rotated via a handle which passes through the inside of the gallery to allow adjustment.

The drive arm is attached using a stainless steel bolt to the blade holder that is made from extruded aluminium.

The gearbox tensions the linkage via a spring that locks the louvres closed. The blades close into a 2-piece bottom / top aluminium receiving channel which seals the top and bottom of the window system while allowing for the water to drain out over the sill.

The receiving channel consists of an “L” shaped aluminium section with an upturned leg that stores the window drainage water until it can drain through the extruded aluminium snap-in section, which includes the UV resistant seal for the blade to close on.

Due to the use of extruded aluminium blade holders and bearings, this louvre can be used in bushfire areas.

To ensure the opening is secure, we are able to offer a tapered extruded aluminium security bar system, which has the option of a hardened steel insert that fits into machined cutouts in the rear of the gallery. The cutouts that are located between the blades ensure free blade operation.

LOUVRES SOLUTIONS FOR ALL SEASONS



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Aluminium shall be extruded to Australian Standards AS 1866:1997.

Aluminum sections shall be powder coated to AS 3715-2002.

Aluminum sections shall be anodized to AS 1231-2000 and complies with corrosion resistance as per AS1580.457.1.

All fixings, bolts, screws and Pivots are manufactured from Stainless Steel.

All plastic parts are manufactured from UV resistant HDPP (High Density Polypropylene) or similar.

Please contact our office for a complete range of CAD drawings or any further assistance.

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