

SPECIFICATIONS



Vollay V3000 EBS-M – Encapsulated Blade System-Motorised

The V3000 Encapsulated Blade System-Motorised has a stile, which is 55mm wide and is available in three depths to enable the selected blade to remain within the frame.

The stile incorporates a small lip to ensure a high level of privacy and is joined to the 45mm thick cross rail with a series of screw flutes that are joined using stainless steel fixings.

The system is able to accommodate a range of our blade systems in either a horizontal or vertical orientation. Louvres available include the extruded aluminium aerofoil blade sizes in 68mm, 90mm and 150mm.

The system has the option of installing the 68mm aerofoil and 90mm aerofoil blades into the frame using our nylon self-lubricating pivot pins or to use the 10mm square drive aluminium shaft when the shutters are used in high wind loading areas or multi-storey buildings.

The 10mm square shaft is inserted through the outer stile and a HDPP bush into the internal channel of the blade, and then secured by tightening the internal setscrew, which expands within the blade. This allows the use of the 68mm, 90mm and 150mm aerofoil blades.

The blades are then attached to an “L” shaped control rod that sits between the end of the blade and inside of the stile concealed by the privacy lip.

The IP66 rated motors are attached to the drive blade via the 10mm square drive shaft and allows the blade to be adjusted through 180 degrees and are concealed inside the stile.

The motors can be attached to a wide range of control systems that are available in the V6000 motion range which are concealed within the frame.

This includes a range of remote control receivers of group controllers enabling them to integrate with BMS with ease.

LOUVRES SOLUTIONS FOR ALL SEASONS



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The frame incorporates a HDPP corner block which includes a threaded 8mm hole to allow the use of the sliding, slide and stack and bi-folding options available from the V6000 motion range with the use of the battery pack to drive the motors or the overhead tracking system to provide power when movable panels are required.

The snap on stile cover plate is secured with two stainless steel c/sunk screws, one top and the other bottom allowing access for maintenance.

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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