

SPECIFICATIONS



Vollay V9000 ALS-M – Aerofoil Louvre System-Motorised

This motorised system can provide a range of aerofoil blade sizes including 150mm, 200mm, 300mm, 400mm and 600mm in both vertical and horizontal format.

The system has the option of a four-sided frame or two pivot members inside an extruded aluminium frame 150mm x 80mm. This is assembled with stainless steel fixings or fitted with a range of rear attaching brackets to existing structural members.

Incorporated into the blades are stiffening channels, which allow the system to be installed in cyclone rated areas and span up to 4500mm. This blade rotates through 170 degrees inside an outer extruded aluminium frame, which is both the structural frame and also acts as the motor housing, concealing the motor and drives hardware that is 80mm wide and 150mm deep.

The motorised louvres can be installed inside a recess, to the face of the wall using angle brackets from our wide range of sizes. The frames can also be cantilevered off the wall using either a suitable wall bracket, a flat bar stay or suspension rod brace. The louvres can also be suspended under the existing structure using a “T” section that is attached to a frame.

The motor housing encloses the drive system, which consists of the motor connected to our extruded aluminium drive and connects to the reduction drive gearboxes. The motor housing mullion has an extruded cover plate that is located on the 80mm face to allow access to the compo entry for maintenance. The gearbox has an extruded insert that has a square drive with twin set screws into which inserts the drive lade that is connected with a 10mm square drive shaft.

Inside the frame is mounted a 20 Newton meter dual drive electrical motor, manufactured in Germany with its integrate reduction planetary gearbox rated at IP66 when located in the housing. The motor also includes both includes both in-built adjustable limit switches and a thermal overload. The motor housing includes provision for cabling the room to house a range of remote controls and sensor and sensor receivers.

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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