

SPECIFICATIONS



Vollay V4000 PLEHS – Panel Lift End Hung System

The V4000 Panel Lift End Hung System is designed to allow an opening to be covered with an aluminium or glass louvre, which can be folded up into the roof space to provide an uninterrupted view.

The system can accommodate the 90mm, 115mm, 150mm or 200mm blade in a horizontal format. The blades can be installed in a fixed format at an angle and pitch desired, or adjustable with an “L” type control rod.

The system consists of two panels, which hinge from their central members and can be raised and lowered manually using a pair of counter-balanced weights concealed in the vertical side guide members and attached via a cable to the pivot guide located in the side member.

The head is an extruded aluminium section, which is attached to the top of the opening and incorporates a receiving channel to attach a full-length extruded aluminium hinge, so allowing the top panel to close up against a lip with an integrated seal.

The lower panel attached to the upper panel using a full-length extruded aluminium bushed hinge, which is attached using stainless steel fixing after locating into the full-length receiving channel. The upper cross member also includes a snib lock, which operates a locking rod into both side members to secure the system.

The lower panels bottom outer corners has spring loaded stainless 9.5mm pin, which locates into a HDPP lifting / lowering block which moves up and down within the side frame.

The HDPP lifting blocks are inserted inside the vertical member of the outer frame and are guided with a series of extruded guide fins.

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The lifting blocks are connected to a stainless steel cable, which is looped over a pulley located in the top of the outer frame and is then connected to a weight frame, which has weights added to counter-balance the panel and allow it to be lifted into the head space.

Once the counter-balance weights have been set, the mechanism is concealed with a snap on cover.

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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