

SPECIFICATIONS



Vollay V4000 GCLS-F – Glass Casement Louvre System-Framed

The system is based on a glass panel, which rotates on an offset or centrally located pivot point located at the top and bottom of the panel.

The system has a motor housing mullion located in the head or sill of the opening, located behind the panels, manufactured from extruded aluminium that is 80mm wide and 150mm deep. This connects onto the top pivot member via a spring dampened linkage rod.

The motor housing encloses the drive system, which consists of the motor, extruded aluminium drive that connects to thread drive shaft, drive blocks and electrical controls and cables. The motor housing head mullion has an extruded cover plate, which is slotted to allow in linkage rod to pass through from the drive block to the louvre holder.

Inside the frame is mounted a 20, 40 or 60 Newton Meter dual drive electrical drive electrical motor which is manufactured in Germany with its integrated reduction gearbox rated at IP66 when inside the housing. The motor also includes both in-built adjustable limit switches and thermal overload.

The motors and tilting system can be accessed by removal of an extruded aluminium cover plate. The motor housing includes provision for cabling and room to house a range of remote control and sensor receivers.

The desired glass type is supported in a four-sided frame, which includes a full-length gasket on either side and a precision pivot system on both top and bottom rails.

The louvre pivots on machined aluminium top and bottom pivots, which have a HDPP location ring and stainless steel insert pivots.

The louvre holders are available in a range of sizes, which allows the use of a wide-range of glass to be installed.

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The louvre can close either into the adjoining louvre and overlap or have a full-length gasket to provide an improved water resilient seal or satin chrome / rubber stop.

In the case of the double-glazed type, with a four-sides extruded aluminium frame with a taper on the top and bottom edge.

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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