

# SPECIFICATIONS



## Vollay V8000 NRVS-A – Non-Retractable Venetian System-Adjustable

The V8000 Non-Retractable Venetian System-Adjustable consists of a series of rear mounted rack arms which when driven via a reduction gearbox that is manually adjusted or motorised, rotate the selected blade style from a closed down position through 110 degrees.

The four blade designs available include a half-aerofoil blade in a 90 and 150mm width and a shingle design, which allows the blades to close flat onto a seal in either a 90 or 150mm width.

The rack arms are made from an extruded aluminium member, which has a 40mm wide foot to allow fixing to the structure and a fin that is machined to a pitch to suit either our 90 or 150mm wide blades.

The extruded aluminium blade holder and clamp are attached to the rack arm using 4mm stainless steel bolts, secured with stainless steel nyloc nuts and connected to an “L” shaped extruded control rod.

The “L” shaped control rods are then operated using a control arm and cam, which are interconnected with a hexagonal shaped extruded drive rod. The drive rod is then rotated using a dual-drive electrical motor manufactured in Germany. Its integrated triple reduction planetary gearbox is rated at IP66. The motor also includes both in-built adjustable limit switches and thermal overload.

The motors and tilting systems are accessed in the housing by removing its extruded aluminium cover plate. The motor housing includes provision for cabling and room to house a range of remote control and sensor receivers.

The system is able to shade large areas of up to 12 square meters with the use of one motor, making this one of the most cost effective, adjustable, shading systems available.

## LOUVRES SOLUTIONS FOR ALL SEASONS



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With the use of the 80x50mm rack arm stiffener, it can span between slabs and eliminate the need for balustrade systems using the dual skinned 90mm blade.

The V8000 system can be used in both a vertical and horizontal format allowing it to be used for shading, where blade adjustment is required to allow for views, ventilation or to naturally raise lux levels.

Aluminium shall be extruded to Australian Standards AS 1866:1997

Aluminium sections shall be powder coated to AS 3715-2002

Aluminium sections shall be anodized to AS 1231-2000 and complies with corrosion as per AS1580:457.1

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

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

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