

OVL | 99 Series

VERTICAL WEATHER LOUVER

MODEL OVL-99

FEATURES

- Moderate Performance Louver
- Straight "V" Profile Blade
- Vertical Sight Proof Profile
- Obstructed Line of Sight
- Dual Weather Stop Blade

CONSTRUCTION

The OVL - 99 louver system is constructed entirely of 6063 T5 extruded aluminium, mechanically locked together ensuring a solid, resilient structure. All louvers are manufactured to the highest fabrication and performance standards.

OPTIONS

- The OVL - 99 is available in three surround options:
 - Flangeless Channel Surround
 - 25mm Flange Cover
 - 40mm Flange Cover
- Powder Coat finishes (Duratec warranty coatings available on request)
- Natural Anodised finish
- Aluminium or Stainless Steel bird mesh
- Aluminium Blanking



The Holyoake OVL - 99 system offers a striking vertical louver alternative that can be used in place of the more conventional horizontal configurations. The ability of the system to be fabricated in panel or knockdown formats creates limitless architectural possibilities while also providing an effective and functional louver system.

Based on proven Holyoake louver technology, the louver blade features one water stop on its profile and minimises any water carry over by overlapping the blades.

The OVL - 99 is available in conventional single panel construction with a maximum blade length of 5.8 meters. It can also be manufactured in a knockdown format.

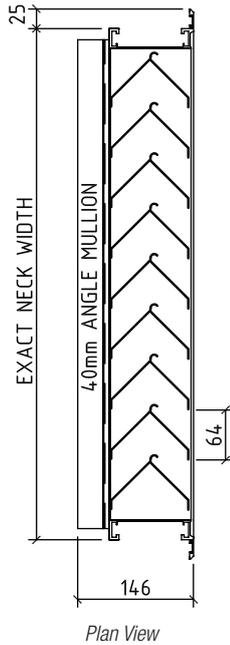
TYPICAL APPLICATIONS

The slimline profile of the OVL - 99 is configured in such a way as to completely block the line of sight through the blades. This feature eliminates the possibility of seeing unsightly plant equipment from outside of the building.

The OVL - 99 louver can be installed as part of the Mechanical Services System for either intake or exhaust applications or it can be used as a screen for concealing Plant Equipment. The system also has the flexibility of being able to be installed in a horizontal format, which expands the possible applications for its use.



DIMENSIONAL DATA



TESTING STANDARDS

AS/NZS 4740: 2000 Standard: Natural ventilators - Classification and performance

BS EN 13030: 2001 Standard: Ventilation for buildings - Terminals - Performance testing of louvers subjected to simulated rain

 Pressure Area Velocities Water Ingress Efficiency	<1.0m/s	1.0 - 3.0m/s
	Class B	Class C
 Wind Load Rating	Level 1	

All louvers have been tested under a simulated exterior wind face velocity of 13m/s (as nominated by AS/NZS 4740:2000) alongside the simulated building intake louver velocities of 0.5m/s to 3.0m/s.

Intake louver velocities equate to the pressure area velocities nominated.

The 64mm blade spacing of the OVL - 99 is aesthetically pleasing and creates a finer external appearance than is possible with the use of more conventional louvers. In the vertical orientation, the system also has the ability to follow architectural curves and bends that may exist within the building design.