OHL | D Series

DRAINABLE WEATHER LOUVER

MODEL OHL-D

FEATURES

- High Performance Louver
- Drainable Louver Blade
- Obstructed Line of Sight
- Vertical Down Pipe Drains

CONSTRUCTION

The OHL - D 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 OHL - D 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

AL

CS

PC

AN

R

AS

Holyoake Model OHL - D offers an alternative concept in horizontal outside louvers. The drainable blade louver delivers high performance in extreme applications.

The OHL - D louver achieves this by draining the water from each blade and discharging it at the bottom of the louver through vertical cavities found on both sides of the louver panel.

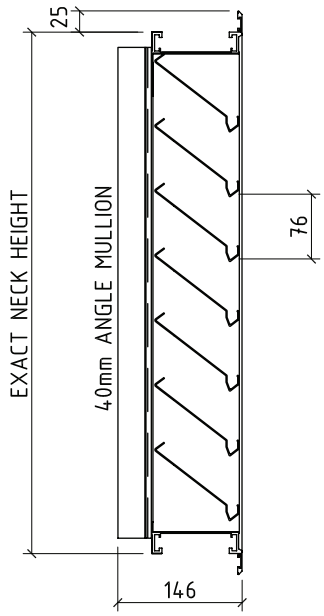
In a typical horizontal louver, where water cascades down the face, the water builds to a level where the pressure differential and the velocity of air over the louver is enough to carry over the water to the inside of the louver.

TYPICAL APPLICATIONS

If water penetration performance is of paramount concern the OHL - D offers the most effective way to achieve this in a single stage louver.

The drainable horizontal louver offers excellent water penetration prevention at any given performance level. This means that there is the option of selecting an OHL - D louver at a higher effective velocity without compromising the water penetration performance. If a selection is made at a higher velocity the louver can then be smaller than a typical horizontal louver, giving a direct saving on the louver size and also providing a smaller penetration for the building.

DIMENSIONAL DATA



Side Elevation

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	**<1.0m/s**	**1.0 - 3.0m/s**
Water Ingress Efficiency	**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.

As a result of a built-in gutter on each blade, the water does not cascade down the face of the louver. This means that each blade only deals with the water that lands directly on it.