

OHL | WT Series

TWO STAGE LOUVER

MODEL OHL-100WT

FEATURES

- Maximum Performance Louver
- Attractive Curved Blade Profile
- Obstructed Line of Sight
- Two Stage Weather Trap Profile

CONSTRUCTION

The OHL - 100WT 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 - 100WT 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



Note: Rear louver installed vertically



The Holyoake OHL - 100WT louver is a maximum performance "Two Stage" louver system with Class A weatherability performance. This system incorporates the external use of the OHL - 102 louver profile in combination with a vertical second stage louver bank to the rear. The combination of these two profiles ensures that, under all but the most extreme atmospheric conditions, water ingress through the system would effectively be eliminated.

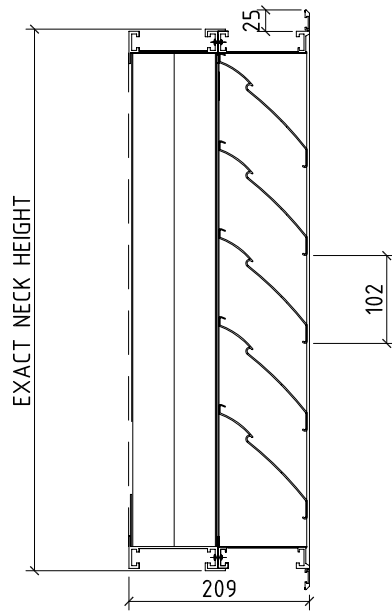
TYPICAL APPLICATIONS

This product is well suited for applications where the building is susceptible to extreme weather conditions. The use of the OHL - 102 section on the external face allows for a continuous appearance across the face even when some openings might require the use of a two stage louver.

The OHL - 100WT louver can be installed as part of the Mechanical Services System for either intake or exhaust applications.



DIMENSIONAL DATA



Side Elevation

Note: Rear Louver Installed Vertically

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	0 - 3.0m/s
 Water Ingress Efficiency	Class A
 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 large profile and 102mm blade spacing of the OHL - 100WT creates a bold line across the louver face which is architecturally pleasing. The slightly curved blade face enhances the architectural appeal of the louver.