

# Jupiter Series® Performance Louvres

Louvreclad Jupiter Series® is a 100mm deep high-performance louvre with excellent rain defence and aerodynamics. Perfect for plant rooms, air intakes, and louvre doors, customisable to your project's needs.

## Features

### PERFORMANCE

#### Exceptional Ventilation & Rain Defence

Jupiter Series® offers Class A to Class C rain defence and Class 1 aerodynamics. Ideal for industrial and commercial applications requiring high-performance louvres.

### AESTHETICS

#### Seamless Design Options

Available as single, two-stage, or drainable louvres. Customisable for modular panels or continuous applications, ensuring a cohesive, uninterrupted façade.

### DESIGN

#### Drainable Louvres

Can be equipped with individual catchment gutters to prevent water cascading, ensuring reliable performance in adverse weather conditions. Perfect for outdoor industrial screening and ventilation.

## Specifications

### AUSTRALIAN STANDARDS

Performance tested to AS/NZS 4740:2000

### ORIENTATION

Horizontal

### MATERIAL

6060 T5 Extruded Aluminium

### FINISH

Powder coated or anodised

### ACCESSORIES

Bird/vermin mesh Insect mesh  
Blanking sheets Dust filters  
Security screens and bars  
Integrated louvred doors  
Dampers

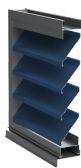
### INSTALLATION

Installation and mounting details will be designed in accordance with proprietary systems and recommendations as designed and manufactured by Louvreclad.

# Explore the profile options

## Jupiter Series® Standard

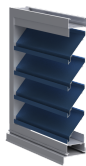
High-performance  
extruded aluminium  
louvres



<b>Class 1</b> AERODYNAMICS	<b>0.739 CD</b> DISCHARGE COEFFICIENT	<b>0.26 m2</b> EFFECTIVE AERODYNAMIC AREA
<b>Class C</b> RAIN RESISTANCE	<b>88 %</b> EFFECTIVE RAIN RESISTANCE	<b>55 %</b> FREE OPEN AREA
<b>102 mm</b> DEPTH	<b>125 mm</b> PITCH	<b>1500 mm</b> MAX SPAN
<b>11kg/m2</b> WEIGHT	<b>Horizontal</b> ORIENTATION	

## Jupiter Series® Drainable

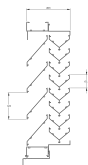
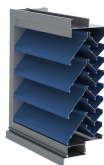
Drainable extruded  
aluminium louvres



<b>Class 2</b> AERODYNAMICS	<b>0.688 CD</b> DISCHARGE COEFFICIENT	<b>0.25 m2</b> EFFECTIVE AERODYNAMIC AREA
<b>Class C</b> RAIN RESISTANCE	<b>86 %</b> EFFECTIVE RAIN RESISTANCE	<b>55 %</b> FREE OPEN AREA
<b>102 mm</b> DEPTH	<b>125 mm</b> PITCH	<b>1200 mm</b> MAX SPAN
<b>13kg/m2</b> WEIGHT	<b>Horizontal</b> ORIENTATION	

## Jupiter Series® Two Stage

Two-stage extruded  
aluminium louvres



<b>Class 3</b> AERODYNAMICS	<b>0.386 CD</b> DISCHARGE COEFFICIENT	<b>0.14 m2</b> EFFECTIVE AERODYNAMIC AREA
<b>Class A</b> RAIN RESISTANCE	<b>100 %</b> EFFECTIVE RAIN RESISTANCE	<b>50 %</b> FREE OPEN AREA
<b>204 mm</b> DEPTH	<b>125 mm</b> PITCH	<b>1200 mm</b> MAX SPAN
<b>30kg/m2</b> WEIGHT	<b>Horizontal</b> ORIENTATION	



# AS 4740 Rain Resistance

## Jupiter Series® Standard

Rain penetration classification at each core velocity.

Ventilator core velocity (m/2)	0	0.5	1	1.5	2	2.5	3	3.5
Effectiveness E (%)	93%	92%	91%	90%	89%	87%	84%	80%
Classification	Class C	Class C	Class C	Class C	Class C	Class C	Class C	Class D

The results concluded the ventilator has fair rain resistance performance at the core velocities from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 88% in Class C rating.

## Jupiter Series® Drainable

Rain penetration classification at each core velocity.

Ventilator core velocity (m/2)	0	0.5	1	1.5	2	2.5	3	3.5
Effectiveness E (%)	92%	90%	90%	89%	87%	84%	80%	76%
Classification	Class C	Class C	Class C	Class C	Class C	Class C	Class C	Class D

The results concluded the ventilator has fair rain resistance performance at the core velocities from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 86% in Class C rating.

## Jupiter Series® Two Stage

Rain penetration classification at each core velocity.

Ventilator core velocity (m/s)	0	0.5	1	1.5	2	2.5	3	3.5
Effectiveness E (%)	100%	100%	100%	100%	100%	100%	100%	100%
Classification	Class A	Class A	Class A	Class A	Class A	Class A	Class A	Class A

The results concluded that the ventilator has excellent rain resistance performance at the core velocity from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model is 100% with Class A rating.

# Technical Data Disclaimer

- Indicative maximum span provided are based on generic permissible design wind pressure of 2kPa.
- Span values and product technical information provided are subjected to variance by project specific requirements & influence factors such building location, terrain category & local pressure effects.
- Span values provided are based on typical scenario where product specified are fixed at one end; simply supported at the other end and in either horizontal or vertical orientation.
- If the product specified is required to function as barrier for fall protection or as trafficable element, maximum span and pitch nominated may be reduced.
- Spans values provided could be influenced and reduced when used in dynamically sensitive wind environment.
- For project specific product selection or preliminary design & engineering consultation, please contact 1300 165 678 or [sales@louvreciad.com](mailto:sales@louvreciad.com) to arrange or book a meeting.





## Inspire with Quality

As leaders in the building envelope market, we are known for exceptional quality and lasting value. Our credibility, wealth of knowledge, and unmatched competence enable us to inspire exterior solutions that look good and perform better.



## The MadeRight Guarantee

Following our proven process enables us to develop solutions we're proud to put our mark of quality to. We guarantee that all projects will be delivered in a timely manner, be on specification, engineered to Australian standards and finished to the highest quality.



## Made to Perform

Louvreclad solutions are made to last and manufactured on-site using high-quality Australian aluminium and steel. As an organisation we are driven to get a thousand things right everyday to achieve our vision to be the face of Australian Building. Our facades are not here to be average, they are here to perform – and so are we.

# Speak to an expert

Reach out today to discuss your facade solution requirements; we would love to hear from you.



Made to Perform

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