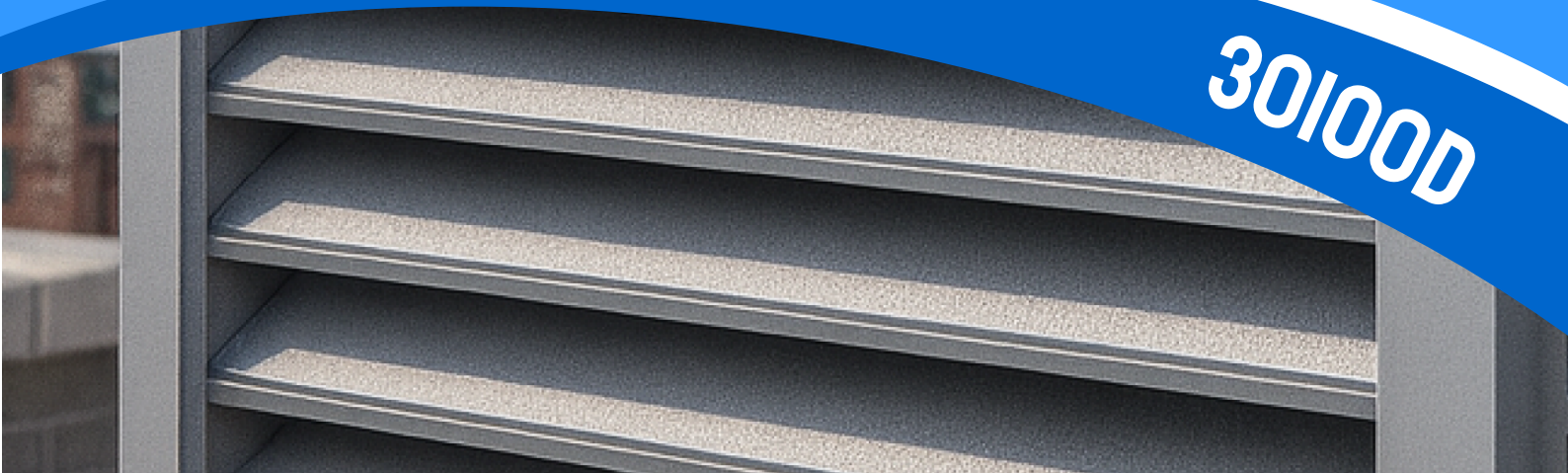


TYPICAL SECTION

30100D



RAIN CONTROL | ROOFTOP SCREENING

LOUVRE FREE AIR: 65% MINIMUM

PRODUCT DESCRIPTION

30100D is a single-stage, 30 degree louvre developed from the 30100 profile with a built-in rain catch. Each blade has a U-channel that faces upward at the front. The channel captures wind-driven rain and directs it along the blade to drainage points, improving rain control compared with a standard louvre while preserving airflow. Typical blade pitch: 72 mm. Supplied as modular panels with mullions as required; mill, anodised or powder-coated finishes available. Not a weather-tight closure system; provide flashings and drainage connections for critical applications.

MATERIAL

STANDARD - Australian extruded aluminium 6063-T5
OPTIONAL - High quality Australian steel, vermin/bird mesh

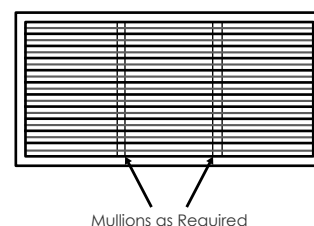
FINISH

STANDARD - Mill Finish or Natural anodised
OPTIONAL - Colour anodised or powder coated

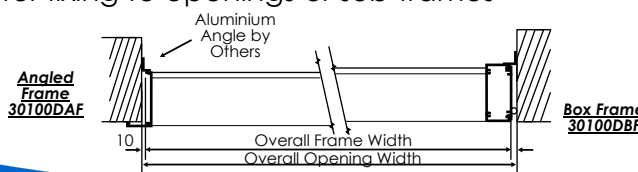
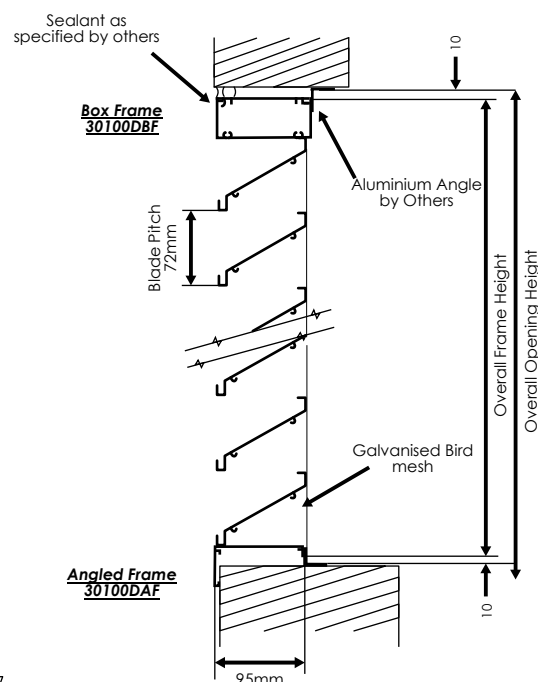
INSTALLATION

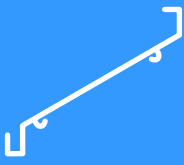
Factory-built modules for fixing to prepared openings or sub-frames. Supplied as 30100D BF (box frame) or 30100D AF (angle frame) modules for fixing to openings or sub-frames

DESIGN & DIMENSIONS



Mullions as Required



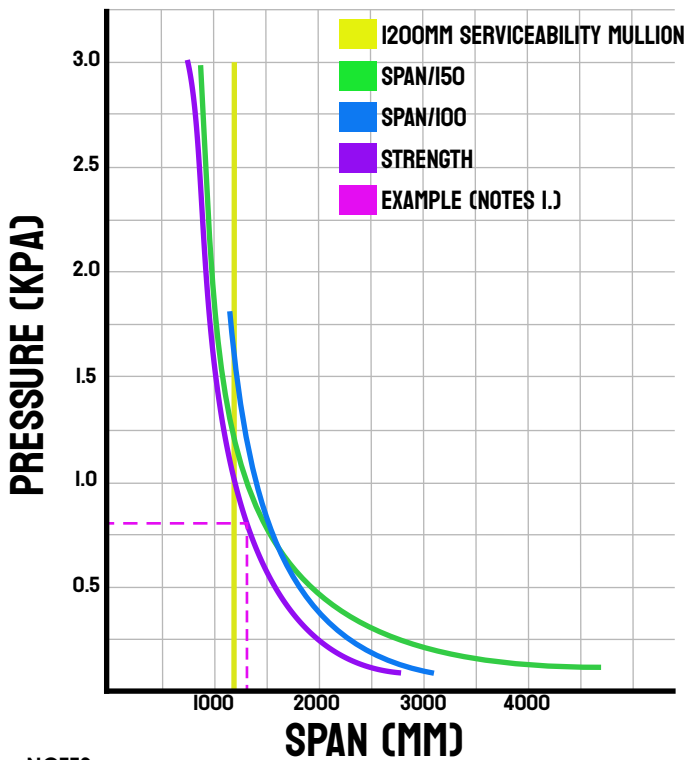


TYPICAL SECTION

30100D

ENGINEERING GRAPHS

SAFE LOAD TABLE

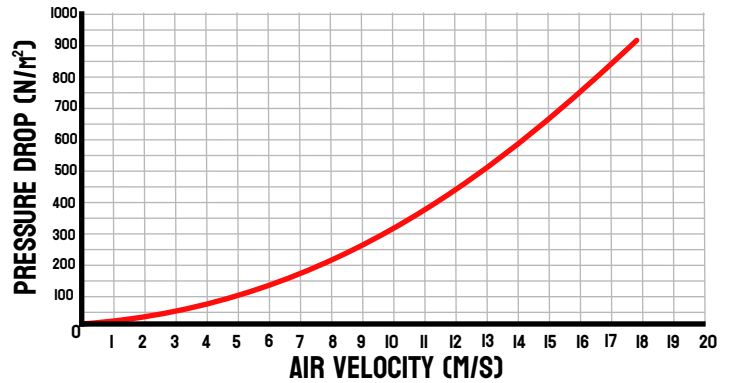


NOTES:

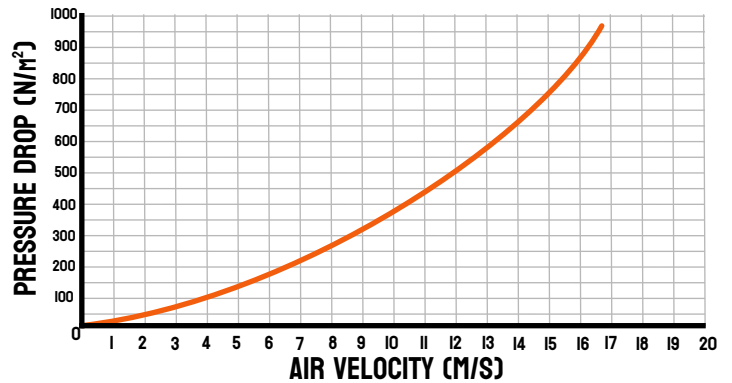
1. EXAMPLE: If the above louvre is required to resist a working pressure of 0.8KPa the maximum span possible is 1320mm
2. A serviceability mullion is required for lengths greater than 1200mm.
3. Two deflection curves are included to cover areas which are not governed by strength - i.e. Low pressure zones
4. The Span (mm) is the horizontal distance between mullions

PRESSURE DROP MEASUREMENTS

FLOW INSIDE TO OUTSIDE

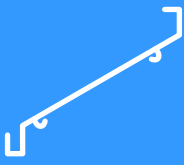


FLOW OUTSIDE TO INSIDE



Tests performed by: TECHSEARCH INCORPORATED
 Reports generated by: DARE SUTTON CLARKE ENGINEERS

ADA Louvres are completely Australian owned and made. We work to your specific needs with customisable sizing, finishes, and configurations to fit seamlessly into your home or business. For more information and a free quote please contact us at

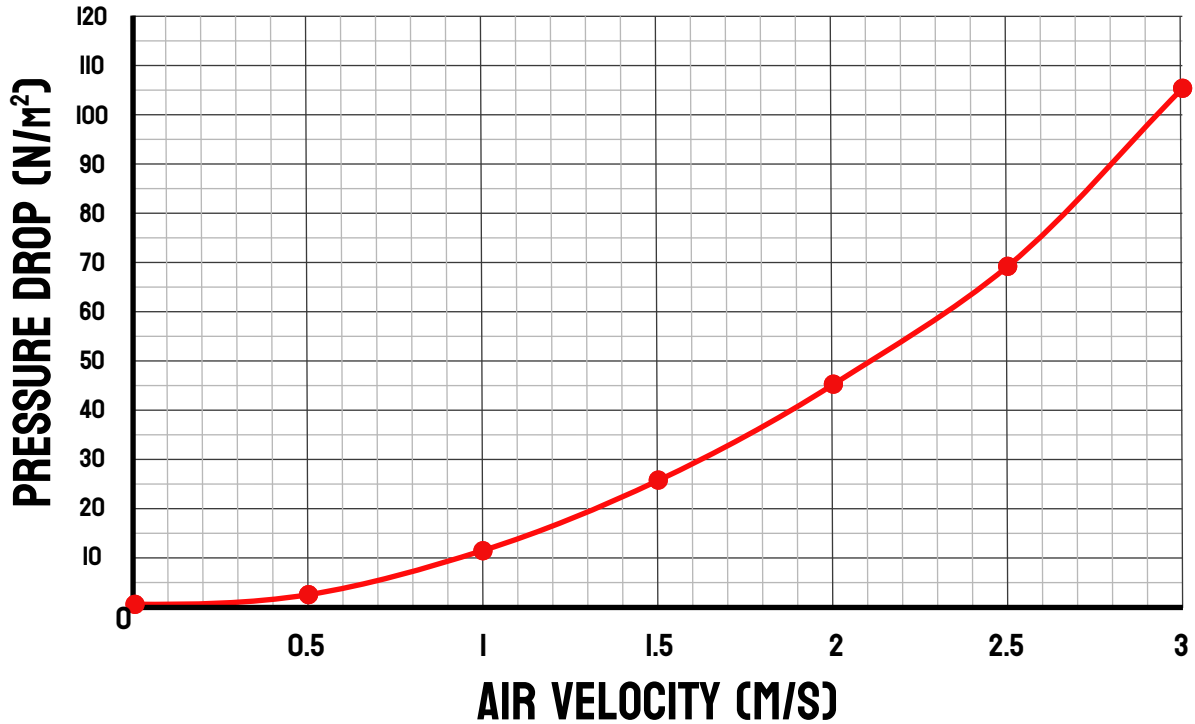


TYPICAL SECTION

30100D

ENGINEERING GRAPHS (CONTINUED)

SPECIFIC PRESSURE DROP MEASUREMENTS



NOTE:

65mm pitch recommended to achieve rain defence of Class B.

Tests performed by: Deratec Pty Ltd (Shaun Derakhshan)

COMPLIANCE

Structural design actions: wind pressures by AS 1170

Aluminium design/stresses: AS 1664

Fabrication from 6063-T5 extrusions to industry tolerances; project-specific engineering available

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