

30100

PLANT ROOM | ROOFTOP SCREENING

LOUVRE FREE AIR: 65% MINIMUM

PRODUCT DESCRIPTION

Single-stage horizontal 30 degree louvre with 72 mm blade pitch, supplied as Box Frame (30100 BF) or Angle Frame (30100 AF). Rated 65 percent minimum free area. Designed for plant rooms, risers and façade or rooftop screening where weatherproofing is not critical.

MATERIAL

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

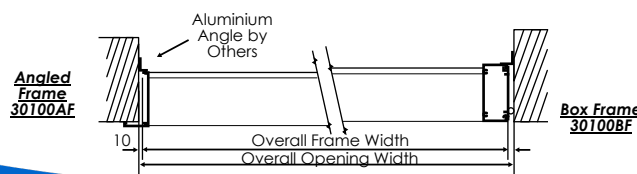
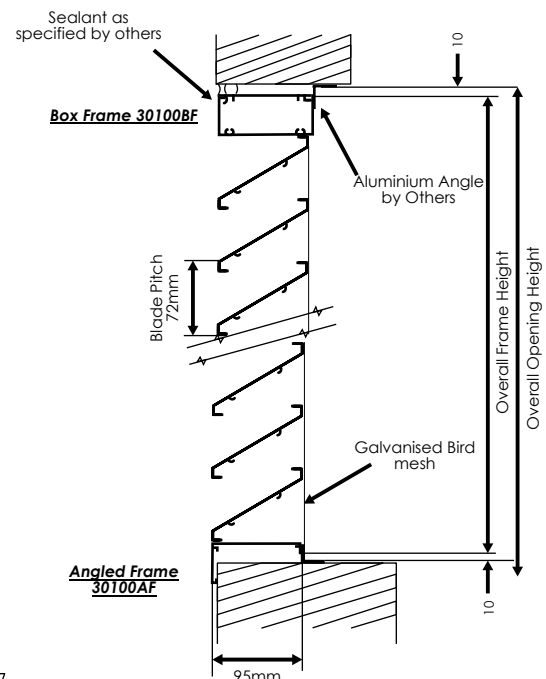
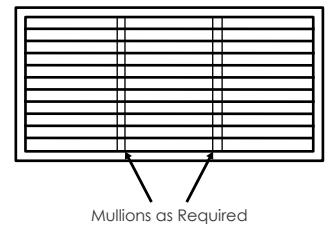
FINISH

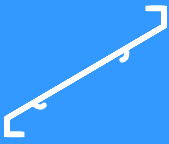
STANDARD - Mill Finish or Natural anodised
OPTIONAL - Colour anodised or powder coated

INSTALLATION

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

DESIGN & DIMENSIONS



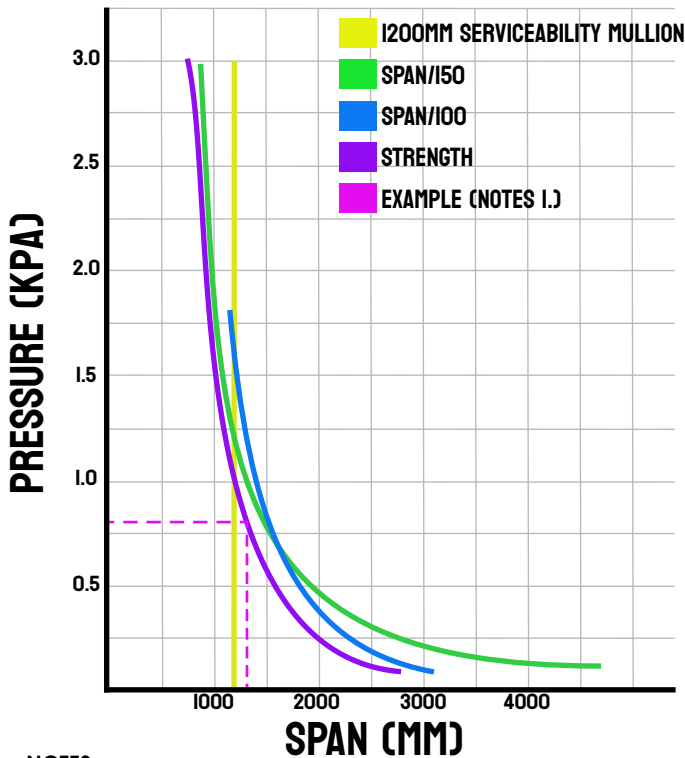


TYPICAL SECTION

30100

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

COMPLIANCE

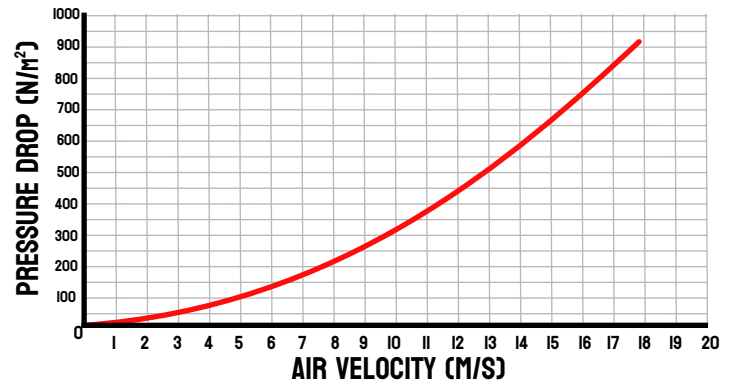
Structural design actions: wind pressures by AS 1170

Aluminium design/stresses: AS 1664

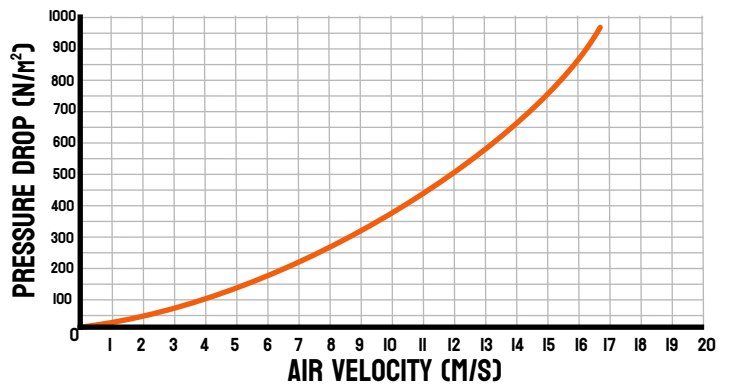
Fabrication from 6063-T5 extrusions to industry tolerances; project-specific engineering available

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