ERM-AD Double Bank Weather Louver

ASLI ERM-AD is wind driven double bank louvre which providing excellent water rejection. Blade profile incorporates an anti-cascade feature on the front face, a water separation profile at mid point together with internal collection and drain system.

Materials

Frame : 1.5mm thickness aluminium sheet
Blade : 1.2mm thickness aluminium extrusion

Surface Finish

Baked white powder coated as standard.
Others available upon request.

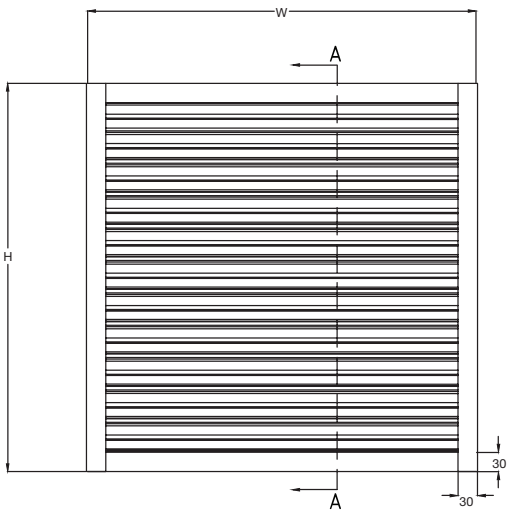
Accessories

IS Inset netting
BS Bird screen

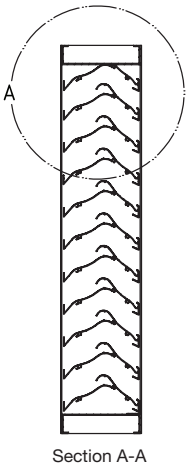
Features

- Aluminium construction providing high corrosion resistance.
- Closely spaced horizontal blades minimize the penetration of wind-driven rain for better rain protection.
- Low pressure drop performance
- 40% free area

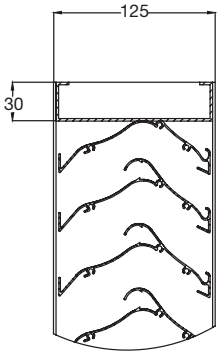
ERM - AD Construction Illustrations



Unit Dimension in mm



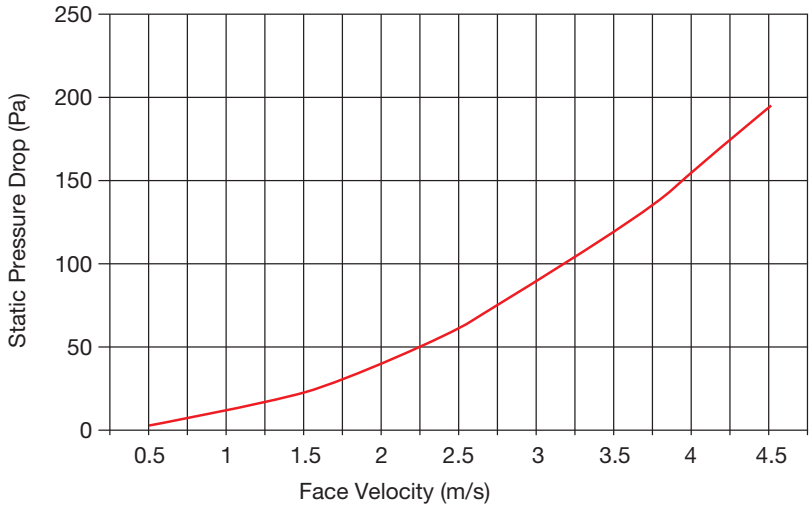
Section A-A



Detail A

ERM-AD
Double Bank Weather Louver

Pressure Drop Performance Data



** Louver Coefficient of Discharge, Cd = 0.25 **

Wind Driven Rain Performance Data

The louvre test was based on a 1.0m x 1.0m core area unit tested at a rainfall rate of 3 per hour (75 mm/hr) and with a wind directed to the face of the louvre at a velocity 29.1 mph (13 m/s). the test data shall show the water penetration effectiveness rating at each corresponding ventilation rate.

Core Ventilation Rate	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Rating Effectiveness	A	A	B	B	C	C	D	D

Wind Driven Rain Water Penetration Class (from AMCA Publication 511)

Class	Effectiveness	Maximum allowed penetration, l/hr/m²
A	99.9% to 99%	0.75
B	98.9% to 95%	3.75
C	94.9% to 80%	15.0
D	Below 80%	Greater than 15.0

ERM-AD Order Code

Model	Material	Accessories	Base Size
ERM	AD	IS	B 1000 x 1000

Example : ERM - AD + IS - B 1000 x 1000