



Magni System

*A high strength louvre system with precision-engineered airflow
for compact applications*

INVICTA
INDUSTRIES

MAGNI, son of Thor, stands fierce! It balances structural strength and refined detailing, offering a louvre solution built to perform under pressure without sacrificing façade intent.



Key Features:

- 50ml deep extruded aluminum blade profile
- Horizontal orientated blades to enhance ventilation & weather proofing
- Ideal for small industrial & commercial ventilation applications & mechanical ducting.
- 25 year commercial Powder-coat warranty

Performance Specs:

- 58% Free Open Area (FOA)
- 100mm Blade Pitch
- 2000mm Max Blade Span
- 6000mm Max Blade Length
- Conforms to incidental live load requirements

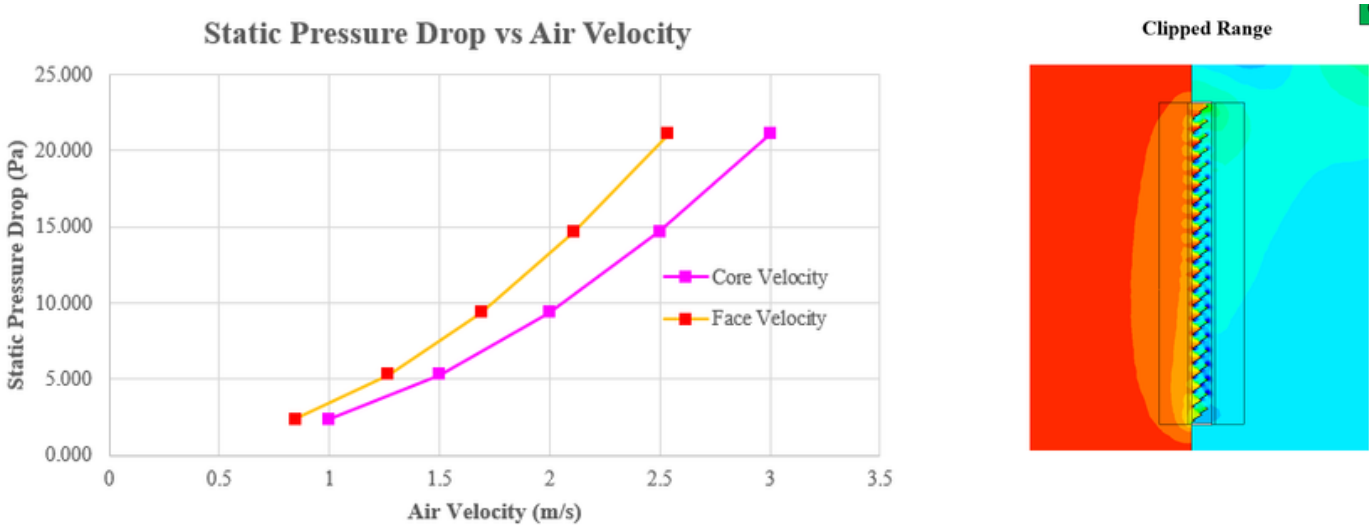
Aerodynamics: Class 2 

Performance tested to AS/NZS 4740:2000

*DESIGNED FOR THE
DIVINE.
ENGINEERED FOR THE
STORM.*

Aerodynamics:

The pressure drop across the louvre is evaluated for different velocities across the louvers. The average discharge coefficient of the louvre is 0.506. Based on the discharge coefficient Medusa Louvre achieves Class 2 performance rating. The resistance curve generated based on the static pressure drop evaluated from CFD analysis is as shown in graph below.



STATIC PRESSURE DROP VS. AIR VELOCITY CHART:

Air Velocity (m/s)	Static Pressure Drop (PA)
1	2.362
1.5	5.291
2	9.398
2.5	14.668
3	21.097

Material Options:

Constructed from premium 6063-T6 extruded aluminium, delivering superior structural performance and long-term durability. Finished with high-quality powder coating or anodising for enhanced protection and refined aesthetics.

Optional Mesh Types:

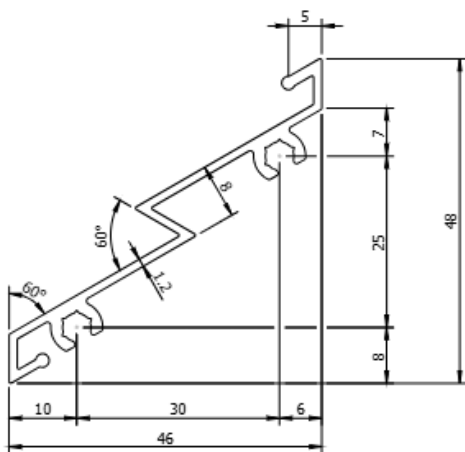
Bird/Vermin: Galvanised or stainless steel

Insect: Fibreglass or aluminium

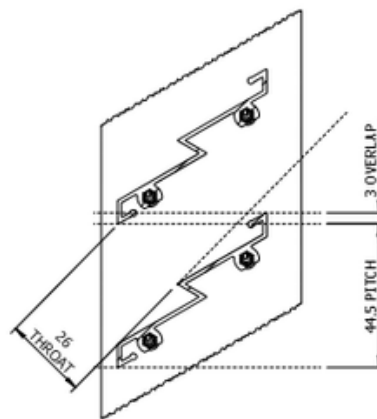
Custom finishes available upon request

Accessories:

Integrated louvred doors designed for seamless access, featuring removable mesh panels for simplified maintenance and optional security grilles for enhanced protection.

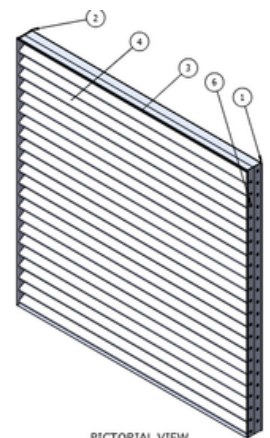


MAGNI LOUVRE



DETAIL 01

FREE AIR FLOW % = MINIMUM THROAT / PITCH x 100
= 26 / 44.5 x 100
= 58%



PICTORIAL VIEW



Need more info?!

If you have any questions about this product, please speak to our expert team & they will guide you in the right direction. Info below.

Phone: 1300 197 937

Email: taylor@invictaindustries.com.au

Website: www.invictaindustries.com.au

 [invictaindustries](https://www.instagram.com/invictaindustries)

INVICTA
INDUSTRIES