

# IGLU<sup>®</sup>

DOUBLE GLAZED LOUVRE

Maximise ventilation & thermal protection



*breezway*<sup>®</sup>

# IGLU<sup>®</sup>



10 YEARS WARRANTY



The Altair® IGLU® Double Glazed System opens wide to maximise ventilation and seals tight to offer superior wind and water performance.

The IGLU System offers improved energy efficiency and excellent thermal ratings making it a natural choice for energy efficient projects.

The IGLU Clip utilises the Breezway Stronghold® System, granting superior blade retention, with all the other benefits the Stronghold System offers. The stepped nature of the IGLU Blade allows for the internal glazing layer to be retained within the clip, while the outer glazing layer finishes flush with the clip. This allows for a completely flat aesthetic to the outside of the window.

Breezway Altair IGLU Blades do not have thermally compromising aluminium framing. Instead, the blades are capped top and bottom by rubber blade-to-blade seals, embedded into the IGU sealant, with a clean ceramic print running the perimeter of each blade to conceal the IGU spacer, while still drawing the eye through to the view outside.



*Life's better with*  
**Natural Ventilation**





### MAXIMUM VENTILATION

90% ventilation\* through the opening to capture breezes no matter the wind direction.



### THERMAL INSULATION

U-values as low as 2.6 W/m<sup>2</sup>.K. (in a timber frame).



### WATER PENETRATION

Up to 450Pa Water Penetration Resistance.



### WIND PRESSURE

Up to 8000Pa Ultimate Limit State Wind Pressure.



### ACOUSTIC INSULATION

Improved acoustic performance to Rw30 to reduce outdoor noise.



### SEALING

Blade-to-blade seals embedded in the blades.

\*90% ventilation as per the NCC definition of a ventilation opening. Using a more conservative and realistic definition of the ventilation opening, the thicker IGLU blades will reduce the ventilation opening to approximately 80% of the total window area.



## Product Offer

- 5mm Low-E toughened glass / 12mm Argon Gas filled spacer / 5mm Low-E toughened glass.
- Available with the Altair® Easyscreen™ Window System or the Altair® Component System for installation into compatible frames.
- Standard heights only.
- Standard blade lengths are stocked, with custom blade lengths available on special order for large project work. Minimum order quantity of 500 pieces per unique blade applies (incl. glass type and length).
- Wide range of customising options including: automated operation by the Powerlouvre™ System; handle types; security.
- Includes the Stronghold® System.
- Available with fixed lite thicknesses of 18mm, 20mm and 24mm in Easyscreen™ Window Systems.

For technical data visit  
[breezway.com.au/iglu](http://breezway.com.au/iglu)

Contact our Design Assist Team to view samples or arrange a meeting.



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## STANDARD HEIGHTS

Breezway Altair® IGLU® System

No. of Blades	Easyscreen™ Window System	IGLU® Galleries with Weatherstrip*	IGLU® Powerlouvre™ Galleries with Weatherstrip**
All dimensions are in millimeters (mm)			
2	376	335	365
3	516	475	505
4	656	615	645
5	796	755	785
6	936	895	925
7	1076	1035	1065
8	1216	1175	1205
9	1356	1315	1345
10	1496	1455	1485
11	1636	1595	1625
12	1776	1735	1765
13	1916	1875	1905
14	2056	2015	2045
15	2196	2155	2185
16	2336	2295	2325
17	2476	2435	2465
18	2616	2575	2605
19	2756	2715	-
20	2896	2855	-
21	3036	2995	-

\* To calculate the gallery height only, deduct 10mm.

\*\* To calculate the gallery height only, deduct 40mm.



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## FRAME WIDTHS

Breezway Altair® Easyscreen™ Window System  
with IGLU® Standard Blade Lengths

No. of Bays	300mm** Blade Length	500mm Blade Length	800mm Blade Length	1127mm Blade Length
All dimensions are in millimeters (mm)				
1	381	581	881	1208
2	757	1157	1757	2411
3	1133	1733	2633	3614
4	1513	2313	3513	4821*
5	1885	2885	4385*	-
6	2261	3461	5261*	-

**NB:** Widths not shown in the table can be achieved via coupling or via manipulation of fixed lite bay widths.

\* Frame widths greater than 4,000mm are only available in Custom Black, CAA, Pearl White Gloss, or by special order.

\*\* 300mm blade length is not available with the Powerlouvre™ System.