

IGLU™

DOUBLE GLAZED LOUVRE

Maximise ventilation & thermal protection

Winner of the
2023
GOOD DESIGN AWARD
and **AGWA**
*'Most Innovative
Window System'*
Design Award

breezway®

IGLU™



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. It can be used for compliance with H1 of the NZ Building Code for all climate zones when installed into a compatible thermally improved aluminium or timber frame.

The IGLU Clip utilises the Breezway Stronghold™ System, granting superior blade retention, and compliance with Fall Prevention Standards. 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

R-Values as high as 0.39 (in an aluminium frame) and 0.54 (in a timber frame).



WATER PENETRATION

Up to 455Pa Water Penetration Resistance.



WIND PRESSURE

Up to 8000Pa Ultimate Limit State Wind Pressure.



ACOUSTIC INSULATION

Improved acoustic performance to reduce outdoor noise.



SEALING

Blade-to-blade seals embedded in the blades.



AUSTRALIAN
GLASS &
WINDOW
ASSOCIATION

2023 NATIONAL
DESIGN
AWARD
WINNER



GOOD
DESIGN
AWARD
GOLD WINNER

*90% ventilation as per the Building Code 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

- The 22mm IGLU Blade is comprised of 5mm Planibel G Low-E Toughened Glass / 12mm Argon Gas filled spacer / 5mm Planibel G Low-E Toughened Glass
- Altair® Louvre Component System is available for installation into compatible aluminium and timber frames.
- Compliant with Clause H1 of the NZ Building Code in all climate zones.
- 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 and *colours; security.
- Includes the Stronghold™ System compliant for falls over 1m up to 750N and has passed NZS 4666 Long Term Type Testing.

*Please note: IGLU Clips are available in black only.

For technical data visit
breezway.co.nz/iglu

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



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Natural Ventilation

STANDARD HEIGHTS

Breezway Altair® IGLU™ System

No. of Blades	IGLU™ Galleries with Weatherstrip*	IGLU™ Powerlouvre™ Galleries with Weatherstrip**
All dimensions are in millimeters (mm)		
2	335	365
3	475	505
4	615	645
5	755	785
6	895	925
7	1035	1065
8	1175	1205
9	1315	1345
10	1455	1485
11	1595	1625
12	1735	1765
13	1875	1905
14	2015	2045
15	2155	2185
16	2295	2325
17	2435	2465
18	2575	2605
19	2715	-
20	2855	-
21	2995	-

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

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



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