

# THE BREEZWAY IDEAS BOOK

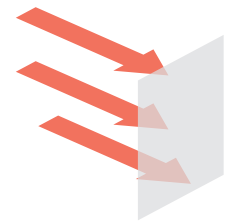


*breezway*<sup>®</sup>

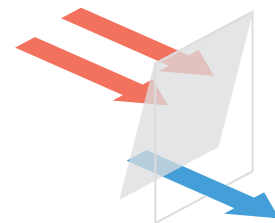




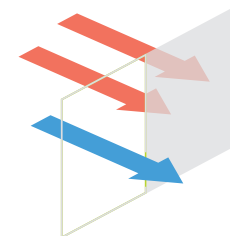
Altair Louvre Window



Fixed Window



Awning Window



Sliding Window

Front Cover  
Architect: Sarah Waller Architecture  
Photographer: Jake Magnus



Builder: Sorensen & Caldon Builders  
Photographer: Lindsay Moller Productions

# Breezway® Louvre Windows

Natural ventilation is important for any indoor environment. It helps keep the air we breathe clean and fresh whilst maintaining a connection to Mother Nature. It also reduces our energy bills too!

Louvre Windows have changed significantly since the late 1930's, and they are still a practical and stylish window choice. The unique design of a Breezway Altair® Louvre Window opens twice as wide as other window types to offer maximum ventilation to naturally cool a living or working space without the need for artificial air conditioning systems.

This is an environmentally sustainable solution to help improve the health of people and the planet, for years to come.

Breezes can be captured by Altair® Louvre Windows no matter which direction the wind is blowing, and seal tight to offer protection from the elements, even in cyclonic conditions. They're versatile, non-corrosive, and totally customisable!

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



# Light, Air, Space

Free air in every room of your home. Keep your home comfortable, almost every day of the year, simply by opening it up. Altair® Louvre Windows help you create a living space that works with nature rather than against it.

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Building Designer: Tempus Design Studio  
Photographer: Liz Andrews Photography & Design

AWARD WINNER  
2019 BDQ Regional Design Awards.

Breezway Louvres are  
energy and cyclone rated.



Customise handle positions  
to best suit your needs.

# Gym & Pool Area

Keeping fit and active is important for health. Ventilation is important for health too. Studies show that **better ventilation** improves health and reduces the transmission of infectious illnesses.

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Photographer: Paul Smith Images



# Office & Study

With many scientific studies showing that ventilation improves both learning outcomes and productivity, surely there's no better window for an office than an Altair® Louvre Window.

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Architect: Smart Design Studio  
Photographer: Anson Smart Photography

Add keylocks or bars for extra security and peace of mind.





AWARD WINNER  
2016 HIA Qld Housing Awards.

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Internal or external  
screening is optional.

# Bedroom & Wardrobe

What every bedroom needs is a breath of fresh air. And the best way to get lots of fresh air inside is with Altair® Louvre Windows. Concerned about wind and rain? The 'living hinge' design of Altair® Louvre Windows ensures that, when fully closed, they seal tight to provide superior wind and water performance.

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Architect: Sarah Waller Architecture  
Photographer: Paul Smith Images

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# Bathroom & Laundry

Steam is good for locomotives, but not so good in your bathroom. Install exhaust fans if you wish, but really, the best option is to include Altair® Louvres in all your wet areas to let in **fresh air and light**. Altair® Louvres with frosted glass blades offer both **ventilation and privacy** where most other window types only offer ventilation *or* privacy.

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**Architect:** Neil Cownie Architect  
**Photographer:** Rob Frith, Acorn Photo



Maintain privacy by opting for obscure glass, aluminium or timber blades.



AWARD WINNER

2020 BDO FNQ Regional Design Awards.

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Blade clips and handles can be colour matched to frames.

# Kitchen & Dining

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If you can't stand the heat get some Altair® Louvres in the kitchen. Not only will they allow cool, fresh breezes in but they will get rid of cooking smells and help dissipate the heat of your next hot pot.

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Building Designer: Urban Abode Building Design  
Photographer: Tony Gorell, Imagination Photography



# Lounge & Lobby

Altair® Louvre Windows in the lounge room ought to be compulsory. Okay, we're a little biased about that. But think about it. What could be better than your living spaces being naturally comfortable and having a connection to the outdoors?

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Architect: CplusC Architectural Workshop  
Photographer: Murray Fredericks Photography



Available as components for timber frames or commercial frames.





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Breezway Louvres have been rated for Bushfire Prone Areas.

Architect: Morriarchi Architecture  
Photographer: Patrick Oberem, Blue Fish Imaging

# Enclosures & Decks

Altair® Louvre Windows in outdoor living spaces open wide to make the most of glorious weather, but also provide protection to make the space useable when the weather is poor. Designed for tough Australian conditions and manufactured using only non-corrosive materials, you'll enjoy them for many years.

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# Stairs & Walkways

Altair® Louvre Windows are a great option in stairways and corridors to help your building breathe to keep it naturally comfortable. With blades that overlap and can be angled, they can be safely left open in gentle rain.



Naturally brighten dark areas with Breezway Louvres.

Designer & Builder: Sean O'Sullivan, CPT Interiors & Constructions Pty Ltd





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Various customising options and window configurations are available.



Architect: Sayes Jackson Architects  
Photographer: Amy Jenkins, Glasshouse Photography



# Tall & Narrow

With openings on both sides of each blade, Altair® Louvre Windows maximise ventilation even in unusual window shapes which are impractical for other window types.

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# Powerlouvre™ System

Personal jet packs, holidays on the moon, windows that automatically open to cool your home, then close when you leave the house. The first two are still a way in the future, but the Altair® Powerlouvre™ System is available now.



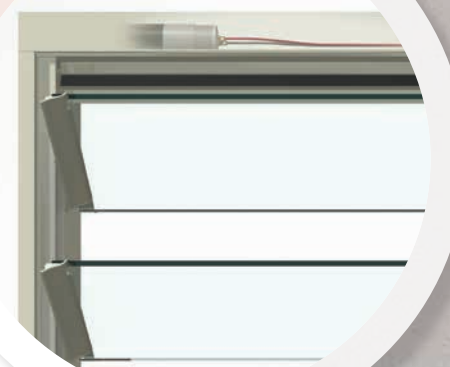
An in-built temperature sensor allows rooms to be naturally cooled or windows closed automatically to retain warmth when required.



Pre-set timers allow windows to be automatically set to operate in anticipation of the building occupant's daily routine.



Compatible with the new Breezway Rain Sensor to automatically close the Powerlouvre System in response to rain.



With motors fully concealed within the window frame and easy operation via compatible smart phones, its easy to see why this system has won two Design Awards.



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Ideal at heights for purging hot air.

Architect: Gavin Hestelow

# Stronghold® System

Altair® Louvres with the Stronghold® System mechanically locks louvre blades into their clips to increase the amount of force the window can resist. With blades now only able to be removed using a tool, the window is more secure and your building is safer.

The Stronghold® System allows our windows to easily meet the fall prevention requirements of the Australian Building Code with only a slight reduction in ventilation.

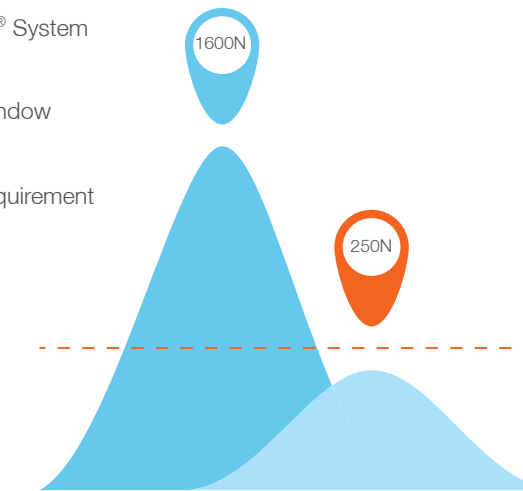
Load applied to louvre blade in open position

Altair® Stronghold® System

Normal Louvre Window

Fall Prevention Requirement

1N = 0.101971621 kgs



The pin secures the blade to the bearing and clip from inside.



Architect: SJB Architects

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Low risk pinch or edge impact hazards.



# IGLU<sup>®</sup> System

The Altair<sup>®</sup> IGLU<sup>®</sup> Double Glazed System opens wide to maximise ventilation. And offers excellent thermal insulation and energy efficiency when closed.

Breezway Altair<sup>®</sup> IGLU<sup>®</sup> 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. There is a clean ceramic print running around the perimeter of each blade to conceal the IGU spacer, while still drawing the eye through to the view outside.

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



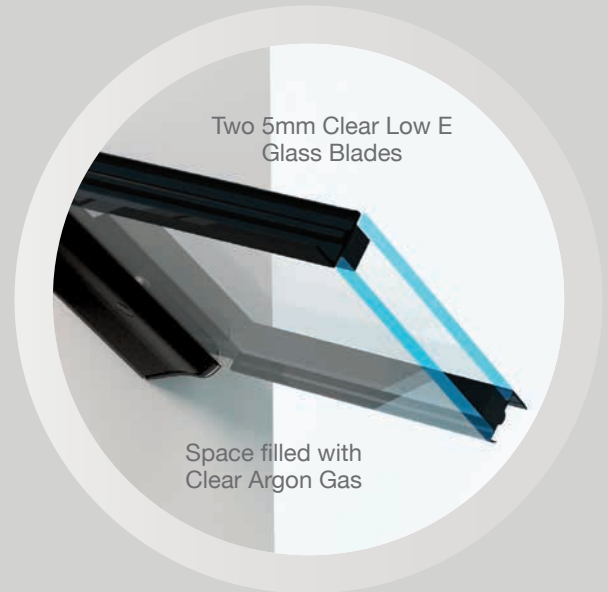
**THERMAL INSULATION**  
U-values as low as 2.6 W/m2.K. (in a timber frame for AUS) and R-values as high as 0.54 (in a timber frame for NZ).



**ACOUSTIC INSULATION**  
Improved acoustic performance to Rw30 to reduce outdoor noise.



**SEALING**  
Blade-to-blade seals embedded in the blades.





The Breezway Team  
is ready and willing to help:

### Over 3 Generations of Experience

Surely no-one can match our experience... we've been designing and making louvre windows for over 85 years!

### Extensive Testing

Our R&D Team is constantly testing and improving our louvres to bring innovative window solutions to the market.

### Compliance Advice

Louvres next to a pool? Building in a bushfire zone? Our team offers clear compliance advice based on our extensive testing.

### CAD, BIM, 3D Models, NATSPEC Branded Worksection

Technical files, drawings and recommended specifications are all freely available from our website.

### Configuration Advice

Every window is made-to-order and we offer the widest range of customising options, so sometimes advice is helpful. We're ready and willing to help.

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



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#### Breezway Head Office

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#### Where to View / Buy

Breezway solely manufactures however our louvres are available to view or buy through a highly qualified network of window fabricators.

#### Please visit our website to find your closest fabricator:

[breezway.com.au/view-buy](https://breezway.com.au/view-buy)  
[breezway.co.nz/view-buy](https://breezway.co.nz/view-buy)