

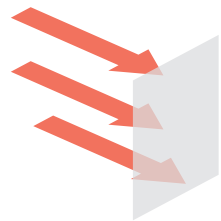
THE BREEZWAY IDEAS BOOK



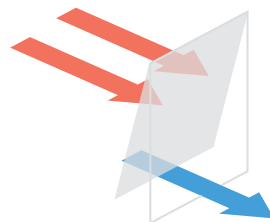
breezway[®]



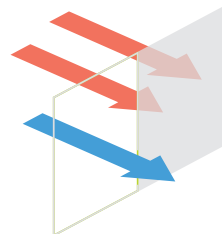
Altair Louvre Window



Fixed Window



Awning Window



Sliding Window



Brighton Homes
Front cover: Ultra Living Homes

Life's better with Natural Ventilation

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 reduces our energy bills too!

Why Breezway® Altair® Louvre Windows?

✓ MAXIMUM VENTILATION

The unique design opens twice as wide as regular windows to maximise airflow and captures breezes from multiple directions.

✓ ENERGY EFFICIENT

Reduces reliance on mechanical air conditioning by encouraging natural airflow and passive ventilation.

✓ CUSTOMISED DESIGN

Breezway offers the widest choice of frames, colours, control options, security and so much more!

✓ VERSATILE APPLICATIONS

Suitable for homes, apartments, offices, schools, recreation facilities and commercial buildings.

✓ STRONG & DURABLE

Extensively tested and manufactured from non-corrosive materials for low maintenance and long-term performance.

✓ PERFORMANCE YOU CAN TRUST

Available solutions for fall prevention, acoustics, thermal performance and cyclone-rated applications.

breezway®

Light, Air, Space

Keep your indoor environment 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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Internal or external
screening is optional.

Finesse Built
Sam Noonan

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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Kitchen & Dining

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.



Sarah Waller Architecture
Alyne Media



Neil Cowie Architect
Rob Frith, Acorn Photo

Blade clips and handles can be colour matched to frames.



Maintain privacy with obscure glass or aluminium blades, or opt for the double glazed IGLU® System.

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.



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?



Ultra Living Homes

Available as components for timber or commercial frames.



Breezway Louvres have been rated for Bushfire Prone Areas.

Lindsay Moller Productions

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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Patrick Oberem
Blue Fish Imaging

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.



Customise handle positions to best suit your needs.



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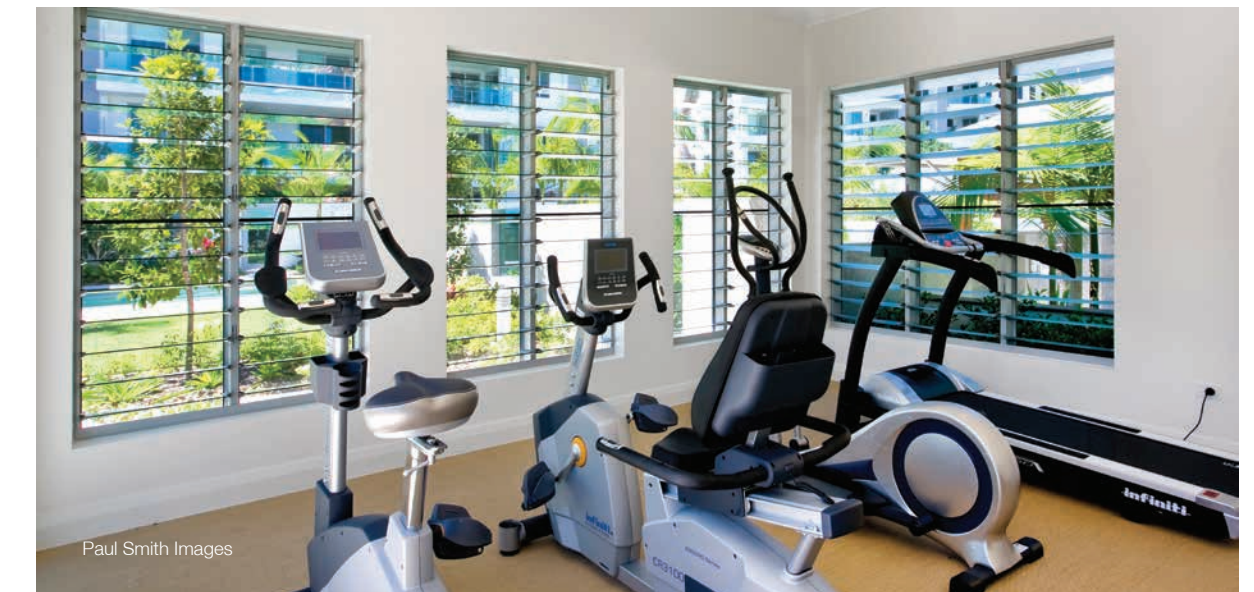
Breezway Louvres are energy and cyclone rated.

Paul Smith Images

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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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 or education environment than an Altair® Louvre Window.

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Macksey Rush Architects
Wade Roberts Photography



Smart Design Studio
Anson Smart Photography

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

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Various customising options and window configurations are available.

Sarah Waller Architecture
Alyne Media

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.



Warkworth Design & Britton Builders
Amy Jenkins

Sophisticated Automation

ALTAIR® 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.

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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 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.



Ideal at heights for purging hot air.

Gravin Hestelov

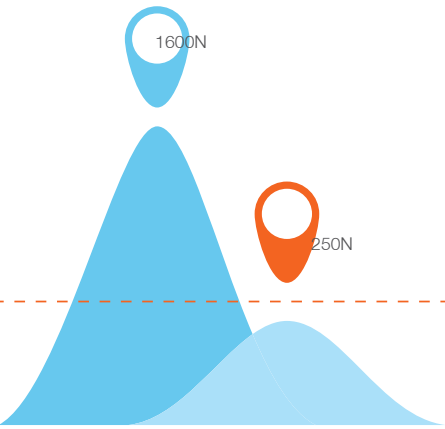
Enhanced Strength & Safety

ALTAIR® 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
- $1N = 0.101971621 \text{ kgs}$



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



KANFINCH
ALSPEC

Thermal Comfort & Energy Efficiency

ALTAIR® IGLU® SYSTEM

The Altair® IGLU® Double Glazed System opens wide to maximise ventilation. When closed, the system offers excellent thermal insulation and energy efficiency.

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. 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.



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.

breezway



Two 5mm Clear Low E Glass Blades

Space filled with Clear Argon Gas



Low risk pinch or edge impact hazards.

Improved Acoustic & Weather Performance

ALTAIR® DUALAIR® SYSTEM

The Altair® Dualair® Secondary Glazed Component System has been carefully designed to deliver a high performance dual glazed louvre compatible with 150mm flat framing.

The system provides outstanding results for water penetration, allowing larger window sizes to be installed into project designs. With two louvre galleries inside one frame, significant sound reduction

can be achieved as well as excellent ventilation and shading to keep buildings comfortable.

The secondary glazed Dualair System provides good thermal insulation comparable to that of high performance double glazing in thermally broken framing, thus making the system ideal for projects with high Rw or low U-value requirements.



MAXIMUM VENTILATION

Wide openings to keep buildings naturally comfortable.



THERMAL INSULATION

U-values ranging from 2.4 to 3.4 give comparable performance to double glazed windows with thermally broken frames.



ACOUSTIC INSULATION

Excellent sound reduction up to 35 Rw to reduce outdoor noise.



WATER PENETRATION

High water penetration resistance up to 620 Pa at floor to ceiling window sizes.



SHADING / PRIVACY

Use aluminium or patterned glass on outer blades to provide shading and privacy.

breezway

Amrish Maharaj Architecture
Katherine Lu



DESIGN ASSIST

Helping you specify
with confidence:

Over 3 Generations of Experience

Surely no-one can match our experience... we've been designing and making louvre windows for over 90 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 & CPDs

Technical files, drawings, formal CPD topics and recommended specifications are 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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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
breezway.co.nz/view-buy