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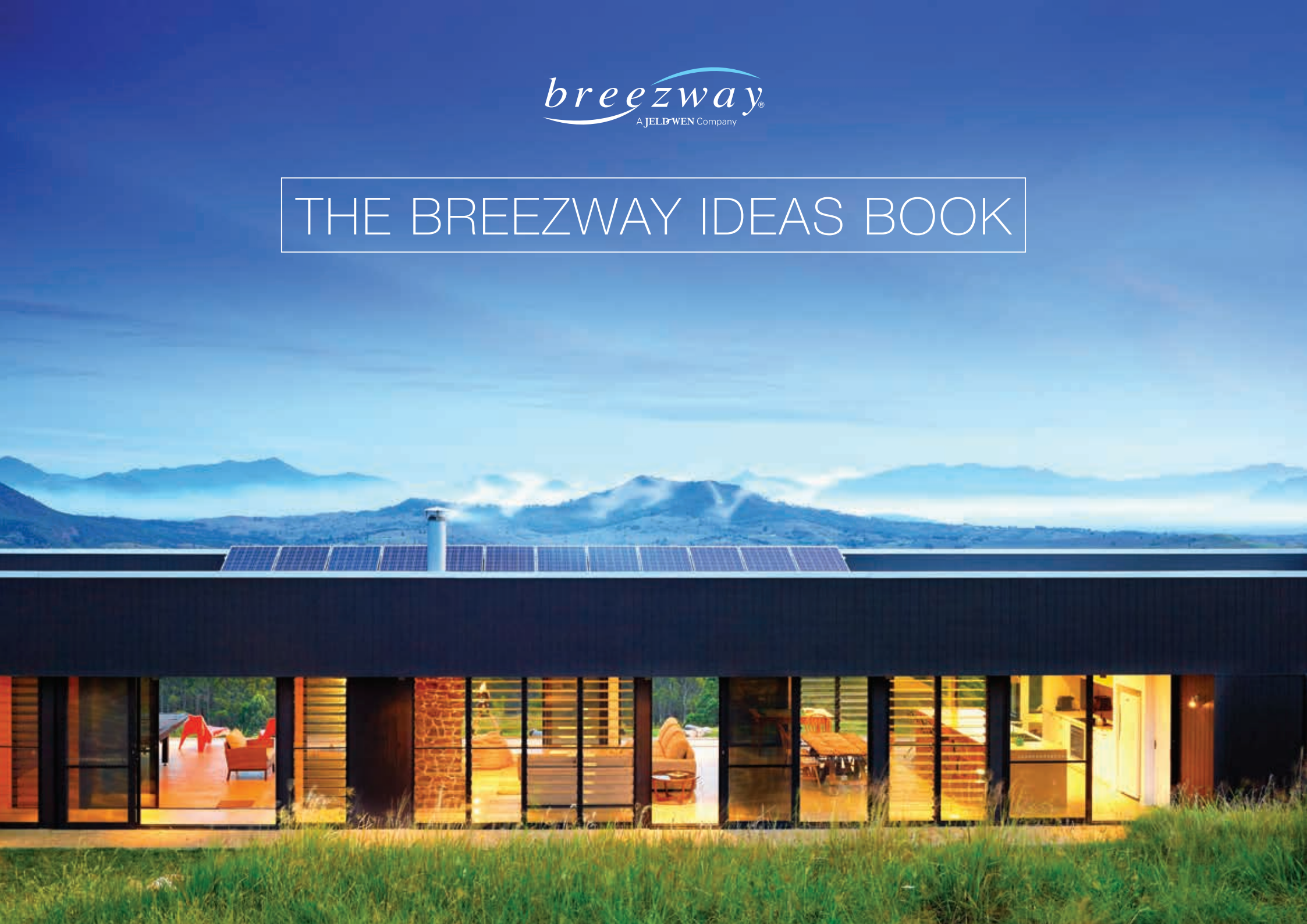
THE BREEZWAY IDEAS BOOK



Altair®

Louvre Windows

We think that Breezway Louvre Windows are the best type of window available. They're stylish, versatile, energy efficient and totally customisable. We hope that by the time you've finished reading through this brochure, you'll agree with us.

Through this brochure you'll find:

- Ideas on how Altair Louvre Windows can enhance your home,
- Information on the energy efficiency of Altair Louvre Windows and
- Guidance through the various customising options available.

We are available to answer your questions, chat through your needs or suggest a local Breezway preferred dealer. So visit our website **www.breezway.com.my** today for more information.

They don't make louvres like they used to

Louvre windows have changed significantly since we began manufacturing them in the late 1940's, but they are still a practical and stylish window choice.

Key features:

- Open wide to maximise ventilation in comparison to other window types.
- Monsoon tested for wind and water to ensure maximum performance.
- Energy rated to suit various climates.
- Improved options available including security bar systems or easily fitted security or insect screens.
- Manufactured exclusively from non-corrosive materials.
- Award winning Altair Powerlouvre Window with concealed motors.
- Each window is made to order, allowing the widest choice of customising options.

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Free air in every room of your home. Keep your home comfortably cool, almost every day of the year, simply by opening it up. **Altair Louvre Windows** help you to create a living space that works with nature rather than against it. Altair Louvres can also be left open in gentle rain and can be cleaned from inside the building (handy for multi-storey homes).

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Altair Louvre Windows in the **lounge room** ought to be compulsory. Okay, we're a little biased about that. But think about it. Is there a better, more stylish way to have complete control of the air flowing through your living area?

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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 patented '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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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.

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If you can't stand the heat get some 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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Are you looking to renovate your home or enclose an outdoor area to make it more functional, regardless of what time of year it is? **Altair Louvre Windows** are the new-age, stylish window choice that can also be used to create **extra living space** and extend your outdoor time. Designed for tough Asian weather conditions, Altair Louvres open fully to allow fresh air in, yet seal tight to ensure protection from the elements.

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Altair Louvres can make great feature windows in **walkways**, and can cool a home quickly when placed on opposite walls. They are also ideal for internal wall applications to further cool a building as they offer maximum ventilation for their size and can fit almost any space available.

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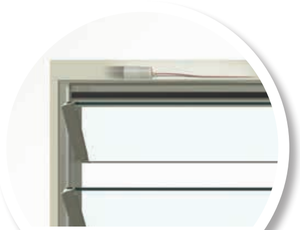
Powerlouvre™

Windows



Motor is concealed within the head of the window frame.

Personal jet packs, holidays on the moon, windows that automatically open to cool your home, then close up in conjunction with other household equipment when you leave the house. The first two are still a way in the future, but **Altair® Powerlouvre™ Windows** are available now in heights up to 2.7 metres and 4 metres wide. Powerlouvre Windows can be controlled by the Apptivate Control Unit to ensure a comfortable living environment.

A standard sized, touch sensitive wall switch for easy use. Single touch to fully open, fully close or open to an intermediate position.

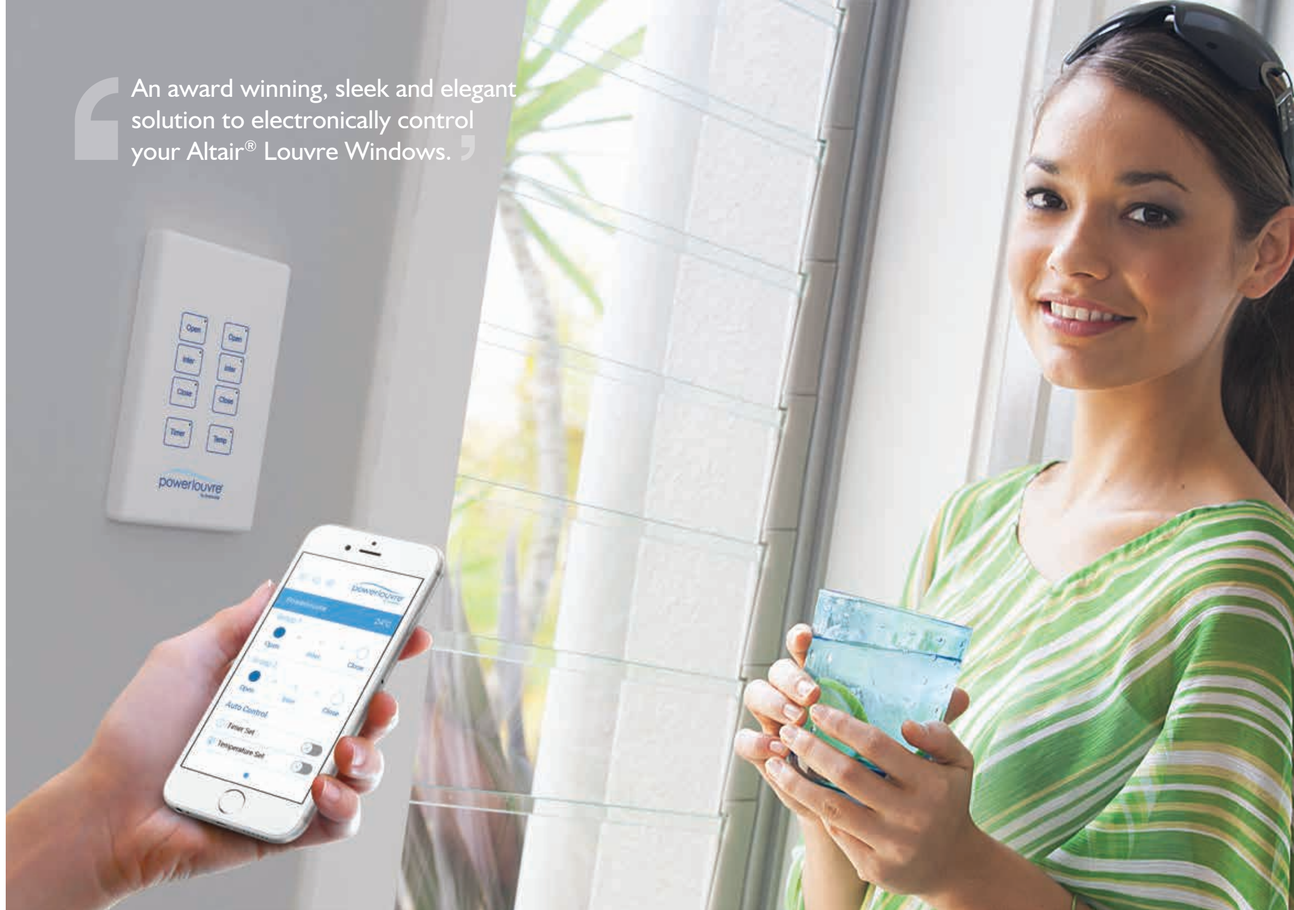
Single and dual channel models available. Can operate multiple Powerlouvre Windows for maximum ventilation.

Bluetooth® Smart module to permit control by compatible smartphones and tablets with a range of approximately 10m – 20m.

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.

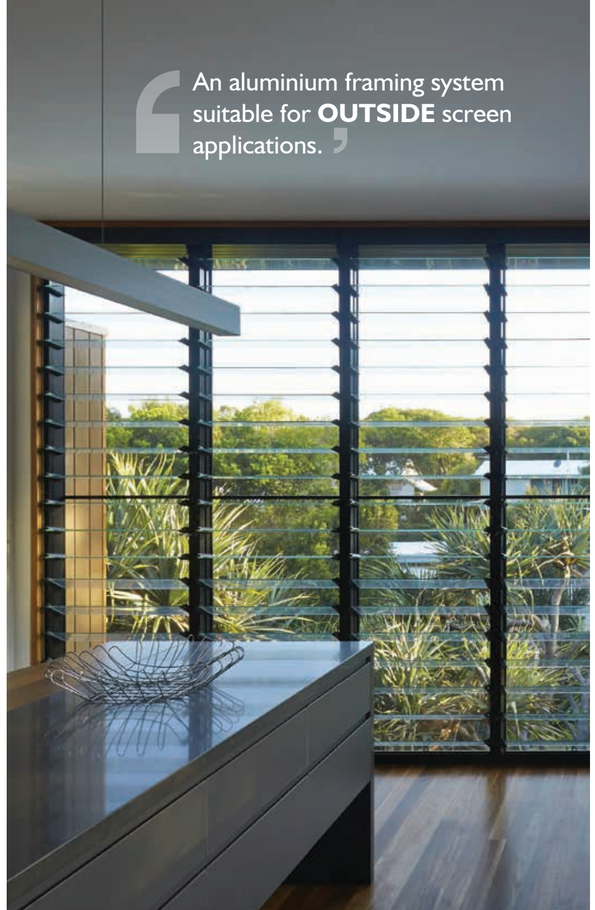
'Night mode' allows the brightness of the LED light to be adjusted to minimise potential sleep disruptions.



Easyscreen™
Window System

The Breezway **Easyscreen™ Window System** is an aluminium framing option that offers external screening for **Altair® Louvres**.

The Easyscreen Window System is built for strength and durability. It provides homeowners the option to include insect or security screens to the outside of their louvres which can deter bugs or intruders from entering the home. Powerlouvre or manual control options are available.



Slimline™
Window System

Featuring modern architectural lines, the **Slimline™ Altair® Louvre Window System** has been developed to suit narrow frame applications or installation into concrete block construction when screening is not required.

The Slimline Window System is a great option for installation near doorways or in internal walls to allow fresh air to circulate throughout the house and encourage better breeze-paths to keep your home feeling comfortable. By using aluminium or frosted glass blades you can provide privacy and the tight sealing of Altair Louvres means that conversations can remain private.

Aluminium

Blade Finishes

Altair® Louvre Windows have a variety of aluminium finish options to suit the needs of end users. Aluminium is virtually maintenance free, can't rust and never needs painting. Our **aluminium frames and blades** are offered in a range of powder coated colour and anodised finishes.

White Powder Coat

Selecting the right powder for the atmospheric conditions of the site and correct maintenance will be critical to the ongoing appearance of the finish.

Note: Industry accepted colour variation can occur during the aluminium anodising process.

Glazing

Glass Options

Altair® Louvre Windows have a wide variety of **glazing options** to suit various climatic conditions. In warm climates a primary consideration is to reduce the amount of hot sunlight that enters the home through the windows.

Clear Glass

Grey Glass

Green Glass

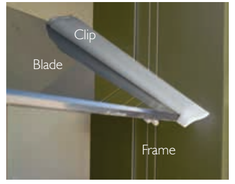
Silkscreen Glass

Selection Guide

Breezway Louvre Windows are available from your local preferred dealer. This selection process will help your Breezway Louvre Windows be custom manufactured to suit your individual needs. Just follow these 7 simple steps.

STEP 1 FRAME

When selecting your frame think about the design, colours, maintenance level and energy requirements of your home. There is a wide selection of frame colours to choose from, with options to suit varied applications. Ask your Breezway preferred dealer to show you the choices available.



Aluminium

Aluminium frames are low maintenance and can be powder coated in many colours or simply anodised.

Timber

Timber frames create a warm feeling when used throughout your home. Timber conducts very little heat, making it an energy efficient option.

Mesh Screens

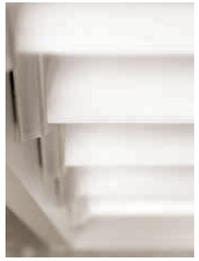
Insect and security screens can be fitted to the outside of Breezway Window Systems. Speak to your dealer for other compatible systems.

STEP 2 DESIGN

Breezway offers a range of sizes and shapes to provide greater flexibility within the home. Altair Louvres can also be used within internal walls as room dividers to improve cross ventilation and building comfort through better airflow.

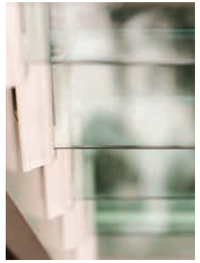
STEP 3 BLADE TYPE

With Altair Louvre Windows you can choose blades that best suit the window's function. i.e. maximising views, letting in/reducing sunlight, reducing glare, gaining privacy or creating your own design style.



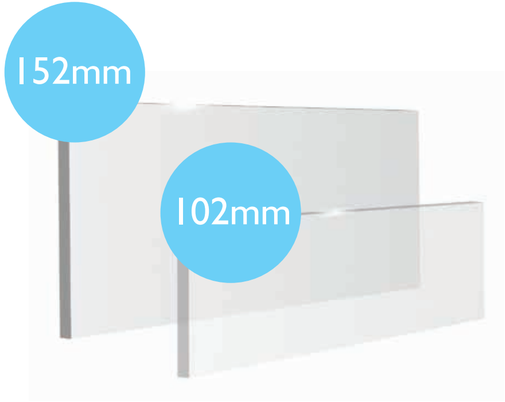
Aluminium

Low maintenance, can't rust and never needs painting. Offered in a large variety of powder coats including woodgrain.



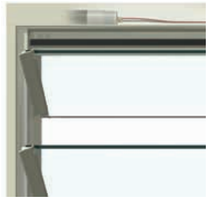
Glass

Clear, obscure, or tinted blades available for enhanced views and energy efficiency.



STEP 4 CONTROL

Whether you prefer pulling a handle, pushing a button or operating an App, Breezway has a louvre window perfect for you. Handle positions can be varied depending on the frame type for each individual requirement.



Powerlouvre

Motors concealed within the head of the frame.

Apptivate

Bluetooth compatible with in-built temperate and timer.

Standard

Fit the contours of the human hand for easy use.

Low Profile

For installation within some bi-fold and sliding doors.

Ring

For out-of-reach applications operated by a map rod.

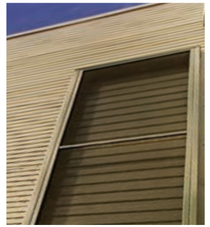
STEP 5 COLOUR

Breezway offers a range of colours for Altair Louvre Windows, many of which can be colour matched to your handles and clips.

STEP 6 BARRIER OPTIONS

Security Bars

Security bars are available to fit 152mm blade heights making your home even more secure.



Screens

Insect or security screens are available to further protect your building from insects or vandals.

Altair®

Louvre Window Standard Heights

This chart indicates standard window heights corresponding to the number of full blades used in standard Breezway Louvre Window frames. For window heights differing from our standard dimensions, a fixed blade can be added to accommodate the difference.

* For gallery height only, subtract 10mm from these standard heights.

For Powerlouvre™ Standard heights

	Easyscreen™ Window System heights (Screens fitted to outside of frame)		**Slimline™ Window** System heights		**Galleries/Strip** Hardware only including Weatherstrip*	
	All dimensions are in millimeters (mm)					
No. of Blades	Height 152mm	Height 102mm	Height 152mm	Height 102mm	Height 152mm	Height 102mm
2	371	-	345	-	330	-
3	511	361	485	335	470	320
4	651	451	625	425	610	410
5	791	541	765	515	750	500
6	931	631	905	605	890	590
7	1071	721	1045	695	1030	680
8	1211	811	1185	785	1170	770
9	1351	901	1325	875	1310	860
10	1491	991	1465	965	1450	950
11	1631	1081	1605	1055	1590	1040
12	1771	1171	1745	1145	1730	1130
13	1911	1261	1885	1235	1870	1220
14	2051	1351	2025	1325	2010	1310
15	2191	1441	2165	1415	2150	1400
16	2331	1531	2305	1505	2290	1490
17	2471	1621	2445	1595	2430	1580
18	2611	1711	2585	1685	2570	1670
19	2751	1801	2725	1775	2710	1760
20	2891	1891	2865	1865	2850	1850
21	3031	1981	3005	1955	2990	1940
22	-	2071	-	2045	-	2030
23	-	2161	-	2135	-	2120
24	-	2251	-	2225	-	2210
25	-	2341	-	2315	-	2300
26	-	2431	-	2405	-	2390
27	-	2521	-	2495	-	2480
28	-	2611	-	2585	-	2570
29	-	2701	-	2675	-	2660
30	-	2791	-	2765	-	2750
31	-	2881	-	2855	-	2840
32	-	2971	-	2945	-	2930
33	-	3061	-	3035	-	3020

STEP 7 CONTACT

Please contact Breezway to speak to a qualified louvre window expert and locate your nearest Breezway Preferred Dealer.

Thanks to Shaun Lockyer Architects, Aperture Photography, Annabelle Chapman Architect, Paul Smith Images, CplusC Architectural Workshop, Civic Steel Homes, Chris Clout Design, Blue Fish Imaging, Jessica Matson Architecture, Simon Wood Photography and Davis Architects.

Your Breezway Louvre Preferred Dealer.

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