

ALTAIR[®] POWERLOUVRE[™] WINDOWS

for Residential and Commercial



breezway[®]

Powerlouvre™

Window Automation Made Easy



The award winning **Altair® Powerlouvre™ Window** displays pure elegance with no visual indication of any external rods or automated device making this product a stylish option for contemporary **residential** or **commercial** building designs.



Motor is concealed within the head of the window frame.



An Automated Window System

The Powerlouvre Window has been developed to reach heights up to 2.7 metres and quietly opens to 87.5 degrees, automatically stopping at the fully open and fully closed positions or can be stopped in any intermediate position throughout the open/close cycle.

When fully open, the Powerlouvre allows 90% natural ventilation through the entire window opening which helps keep the building at a comfortable temperature without the need for artificial cooling systems. This is in comparison to common powered awning windows that only provide between 12% - 30% air depending on the wind direction.

Powerlouvre Windows are ideal for out-of-reach locations to allow hot air to escape quickly with a simple press of a button. No fine motor skills or large control rods are required, encouraging occupants to operate the windows more frequently to ventilate the building. Powerlouvres also make for great floor-to-ceiling feature windows to help improve the quality of indoor air so building occupants can be left feeling fresh and healthy.

Altair® Powerlouvre™ Window Options

Available in the Breezway Easyscreen™ or Innoscreen® Window System or in Component form for installation into Timber or Commercial Frames, the Powerlouvre Window can be controlled by the Aptivate Control Unit or integrated into a Building Management System to suit a wide range of budgets and control needs.

The selection process is also made easy as the standard Altair Louvre Window and the Powerlouvre Window are interchangeable in all aspects, enabling easy matching of automated and manual windows. For example, there is no change to the frame sizes and details, Product Performance Warranty or building installation method, and the Powerlouvre Window is available from the same suppliers.

Breezway Window Systems are delivered fully assembled. Powerlouvre Windows remove the complexity of sourcing special trades to install motors and program the system and is also compatible with the Stronghold System for multi-storey residential or commercial projects.



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 for individual requirements. Can operate multiple Powerlouvre Windows for maximum ventilation.



Bluetooth® Smart module to permit control by and communication with compatible smartphones & tablets (of more than 10m).



Automatic operation in response to an in-built temperature sensor that allows rooms to be naturally cooled or windows closed to retain warmth when required.



Automatic operation in response to pre-set timers which allows windows to be set to operate in anticipation of the building occupant's daily routine.



'Night mode' to minimise potential sleep disruptions. A single command can open or close all Powerlouvre Windows in range.



Extensive Testing

- Cyclical open/close = 30,000
- Salt mist = 1,000 hours
- Extreme humidity = 90% humidity at 35 degrees celcius
- Extreme heat = 60 degrees
- Extreme cold = 0 degrees
- Electromagnetic compatibility

Technical Specs

- 24V DC operating voltage from 240V AC supply voltage
- Compatible with major switching systems
- 3 year electrical warranty

Size Specs

- Standard heights only
- Max width = 4000mm or 6 bays
- Min width = 400mm
- Frames can be coupled vertically or horizontally



Altair® Powerlouvre™ Standard Heights

No. of Blades	Altair® Powerlouvre™ Window in an Easyscreen™ System		Altair® Powerlouvre™ Window in an Innoscreen® System		Altair® Powerlouvre™ Components (including Weatherstrip*)	
	Height 152mm	Height 102mm	Height 152mm	Height 102mm	Height 152mm	Height 102mm
2	371mm	-	380mm	-	360mm	-
3	511mm	361mm	520mm	370mm	500mm	350mm
4	651mm	451mm	660mm	460mm	640mm	440mm
5	791mm	541mm	800mm	550mm	780mm	530mm
6	931mm	631mm	940mm	640mm	920mm	620mm
7	1071mm	721mm	1080mm	730mm	1060mm	710mm
8	1211mm	811mm	1220mm	820mm	1200mm	800mm
9	1351mm	901mm	1360mm	910mm	1340mm	890mm
10	1491mm	991mm	1500mm	1000mm	1480mm	980mm
11	1631mm	1081mm	1640mm	1090mm	1620mm	1070mm
12	1771mm	1171mm	1780mm	1180mm	1760mm	1160mm
13	1911mm	1261mm	1920mm	1270mm	1900mm	1250mm
14	2051mm	1351mm	2060mm	1360mm	2040mm	1340mm
15	2191mm	1441mm	2200mm	1450mm	2180mm	1430mm
16	2331mm	1531mm	2340mm	1540mm	2320mm	1520mm
17	2471mm	1621mm	2480mm	1630mm	2460mm	1610mm
18	2611mm	1711mm	2620mm	1720mm	2600mm	1700mm

* Altair Powerlouvre Weatherstrip must be used for componentry



Visit www.breezway.com.au for more information.

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Your Breezway Louvre
 Window Fabricator.



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