

ALTAIR[®] POWERLOUVRE[™] WINDOWS

for Residential and Commercial



breezway[®]
A JELD-WEN Company

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™ Window System, the Powerlouvre Window can be controlled by the Apptivate 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.

Delivered to site fully assembled, Powerlouvre Windows remove the complexity of sourcing special trades to install motors and program the system.



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 current
- Compatible with major switching systems
- 1 year electrical warranty

Size Specs

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



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 compatible smartphones & tablets.



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.



Altair® Powerlouvre™ Standard Heights



Altair® Powerlouvre™ Window
in an Easyscreen™ System

No. of Blades	Height 152mm	Height 102mm
2	371mm	-
3	511mm	361mm
4	651mm	451mm
5	791mm	541mm
6	931mm	631mm
7	1071mm	721mm
8	1211mm	811mm
9	1351mm	901mm
10	1491mm	991mm
11	1631mm	1081mm
12	1771mm	1171mm
13	1911mm	1261mm
14	2051mm	1351mm
15	2191mm	1441mm
16	2331mm	1531mm
17	2471mm	1621mm
18	2611mm	1711mm

Visit www.breezwayhq.com for more information.

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