





Sunsuria, Selangor, Malaysia

Altair Louvres can maximise natural light and ventilation in office buildings.

Little Gems, Selangor, Malaysia

Multiple bays of Altair Louvres allow fresh air to stimulate minds in this international school.

Citrine Hub, Designer Office Suites, Johor Bahru, Malaysia

Altair Louvres allow employees to connect with nature in an office environment.

Altair Louvres

Energy Efficient Window Solution

Altair Louvre Windows are an environmentally sustainable alternative to fixed lite panels for maximising the flow of natural light and fresh breezes into a building. Energy rated, Altair Louvres can improve indoor airflow and significantly reduce the need for artificial cooling and lighting systems. By placing Altair Louvres on internal walls, fresh air can further ventilate throughout the interior of the building, whilst providing a connection to the outside environment to enhance the occupant's daily experience with the space.



PERFORMANCE

Available with 152mm and 102mm blades in glass and aluminium. Tight sealing provides low air infiltration and ensures superior wind and water performance.



SECURITY

For high risk areas, security bars are available. Fully tested to comply with International Standards.



DURABILITY

Made entirely from corrosion resistant aluminium, stainless steel and UV-stabilised industrial strength plastics to ensure long life durability.



CUSTOMISE

Wide choice of customising options to provide greater design flexibility. Insect or security screens can be easily fitted when the Breezway EasyscreenTM Window System is used. The optional StrongholdTM System can provide extra strength or safety if required.

"Ventilation is an important element for all building designs"









PAM Centre, Kuala Lumpur

Outdoor views are maximised with Altair Louvre Windows.

Nova Pantai, Kuala Lumpur

Add a splash of colour to external facades with Altair Louvre Windows.

Corporate office, **Philippines**

Keep office areas bright and airy with Altair Louvres.

Altair® Louvre Product Range

Featured Products



Slimline™ System



Suitable for narrow frame applications.

Up to 3035mm

Aluminium Visible Fixings None

Altair Louvre Bays

 Standard **Control Options** Low Profile

No Screen

Reveals & Flashing

Screening

Application

Frame Depth

Frame Height

Frame Construction

Available

WATER PASS

 DEFLECTION ULTIMATE STRENGTH

Integrated solid bars

AIR INFILTERATION

CYCLIC

Screens

Available

SALT SPRAY

Integrated solid bars

EXTREME HUMIDITY COMPATIBILITY

Powerlouvre™

Window System in

Easyscreen Frame

 EXTREME COLD & HEAT ELECTROMAGNETIC



Easyscreen™ System

131mm

Up to 3061mm

Aluminium

None

Yes

Outside

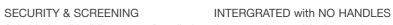
Ring

Screens

Available

Standard

Low Profile



Suitable for all building types. Supplied Automated control for integration into fully assembled Building Management Systems.

Up to 2611mm

Yes

131mm

Aluminium Aluminium

None None

Yes

Outside n/a

> Standard Low Profile & Ring

Bluetooth® enabled Apptivate® Control Powerlouvre

Integrated solid bars

Stronghold™

Easyscreen & Slimline Frame

Maximise ventilation in multi-level

residential or commercial buildings

Window System in

STRONG and SAFE

131mm and 52mm

Up to 3061mm

Screens

n/a

STATIC LOAD

SWING BAG AND SPHERE TEST



Altair Louvre Technical Data

High Durability Finishes

The aluminium components of Altair Louvre windows are available in two different surface finishes: anodised or standard powder coating.

Powder coatings are polyester coatings from leading powder suppliers applied to a thickness of 50-80 µm and anodised finishes are to a thickness of 25 µm. Over time, weathering of powder coated surfaces should be expected. Selecting the right powder for the atmospheric conditions of the site and correct maintenance will be critical to the ongoing appearance of the finish.

Fully Energy Rated

A variety of energy efficient glazing

options is available to meet local

requirements. For example, in

Southeast Asia's warm, tropical climate the shading offered by

tinted glass or aluminium blades will reduce the solar heat gain through those windows thereby reducing the temperatures within a building.

Acoustic Insulation Ratings

Windows achieve Rw ratings of 27-28 when toughened glass blades are installed. This is comparable to the acoustic properties of some double glazed windows.

Testing shows that Altair Louvre

(Screens fitted to Weatherstrip* outside of frame)

Galleries/Strip

All dimensions are in millimeters (mm)

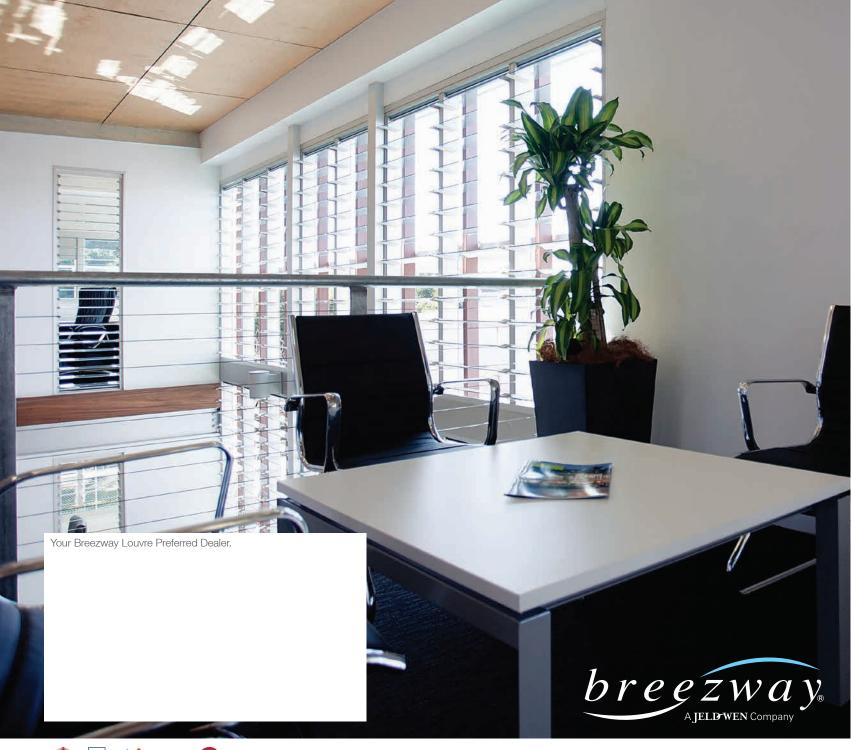
Easyscreen"

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

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



For Powerlouvre[™] Standard heights.





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