

BREEZWAY®

Louvre Windows

IN EDUCATION ENVIRONMENTS



breezway®

Life's better with Natural Ventilation

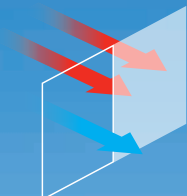
Our children deserve schools that are safe, comfortable and inspiring.
The natural ventilation offered by Breezway Louvre Windows helps to deliver this.



LOUVRE WINDOW
90% Fresh Air
(Regardless of wind direction)



AWNING WINDOW
12%-30% Fresh Air



SLIDING WINDOW
40% Fresh Air



FIXED WINDOW
0% Fresh Air

- Ventilation improves learning outcomes for students
- Ventilation improves the health of students and teachers
- Ventilation reduces the transmission of infectious illnesses
- Ventilation decreases energy consumption

VENTILATION IN SCHOOLS

"Increased outdoor ventilation rates and natural ventilation significantly reduces respiratory illness, flu's and absenteeism by 9-20%".

(Fisk/LBNL 2000 as quoted by Vivian Loftness in Green Cities 2008 keynote address)

A study of over 200 pupils showed significantly faster and more accurate standardised test responses when classrooms had high ventilation rates compared with low ventilation conditions.

(Bako-Biro, Clements-Croon et al, 2011)

The most effective single intervention (to reduce SARS-CoV-2 aerosol transmission in schools) was natural ventilation through the full opening of six windows all day. Combined interventions (i.e. natural ventilation, masks and HEPA filtration) were the most effective.

(Villers et al, 2021)

Energy savings for a mixed mode (hybrid) system are on average 59%.

(Carnegie Mellon; 2004)

Indooroopilly State High School 6FC Building, QLD
Hayball Pty Ltd
Christopher Frederick Jones

Background image: St Ursula's College, NSW. JDH Architects, Mike Chorley

Breezway Altair® Louvre Features

Let Breezway partner with you to help make spaces more beautiful and better ventilated, improving the health of people and the planet for years to come.

SAFE

- Safe to clean above ground level.
- Fall prevention compliant without comprising on ventilation.
- Toughened safety glass used with arrissed edges removing the risk of cutting on impact.

HIGH PERFORMANCE

- Designed and tested to AS2047.
- Made to order in Australia.
- Can achieve up to 620Pa Water Penetration Resistance and 8,000Pa Ultimate Wind Pressure.
- BAL-40 rated and compliant with Section J of the NCC.

DURABLE

- Non-corrosive, industrial strength plastic clips.
- Multiple design features that reduce the potential for vandalism including the Stronghold® System, bars and screens (internal or external).

EASY MAINTENANCE

- No regular maintenance required beyond cleaning and periodic operation.
- If louvre blades are broken, plywood can be efficiently installed while replacement blades are sourced.

IMPROVED ACOUSTICS

- Good sealing and thick glass provides effective noise insulation barrier (up to Rw35).

EASY TO AUTOMATE

- The Powerlouvre™ System allows automatic operation of louvres when integrated into Building Management Systems (ideal for out-of-reach locations).

LONG WARRANTY

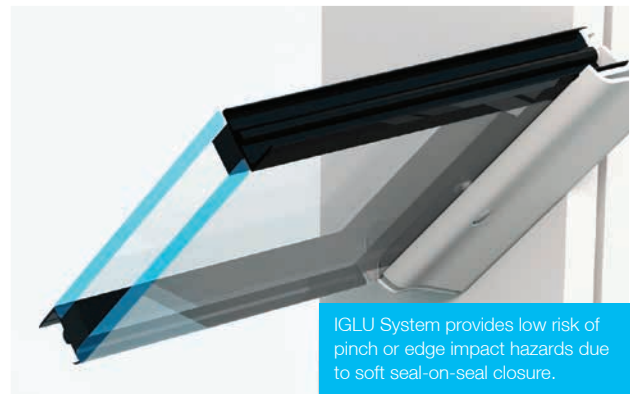
- Frames 10 years.
- Moving parts 7 years.
- Electronic components 3 years.

THERMAL INSULATION

- WERS rated and can achieve low U-values (between 2.4 and 6.9).
- IGLU® Double Glazed System available.

SPECIFY WITH CONFIDENCE

- Over 85 years in the window industry supplying products into Education projects nationally.
- Clear compliance and specification advice available from our Design Assist Team.
- Product samples available on request.



Successfully used in Hundreds of Schools, Universities & Kindergartens

To see the full list please visit breezway.com.au/education



The Marian Centre, Brigidine College, QLD
Blight Rayner
Christopher Frederick Jones



Background image: Caloundra Christian College, Junior Learning Centre, QLD.
McLellan Bush Architects, Andy Macpherson.

breezway[®]



St Peters Lutheran College, QLD
McLellan Bush Architects
Angus Martin Photography

Informative and knowledgeable



Informative and interesting sessions run by Jason Rocca.
Team is very knowledgeable and has plenty of tech advice and industry expertise to support designers and client groups.

Competent and useful



Knowledgeable staff, flexible product design, reliable support, affordable range- what more could a specifier/constructor/end-user ask for?

Amazing service!



Fast and friendly service, with quality products.
So easy to deal with and I would 100% recommend this company when looking for Louvre windows.



Front Cover & Back Cover

Northside Christian College, QLD

Architect: McLellan Bush

Photographer: Angus Martin



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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 locate your closest supplier.

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**GLASS &
WINDOW**
ASSOCIATION
MEMBER



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