



# AERO LOUVRE WINDOW

POWERED BY ALSPEC

**alspec**  
ALUMINIUM SYSTEMS  
SPECIALISTS

A photograph of a modern kitchen with white cabinetry and a countertop. A large window is covered with Aero Louvre window treatments, which are black frames with white louvers. The louvers are partially open, allowing natural light and a view of greenery outside. The text 'Aero Louvre' is overlaid on the image in a large, white, sans-serif font.

# Aero Louvre



*"...Aero Louvres Powered by Alspec™ are the energy efficient, safe and secure solution..."*

## Versatile Home Ventilation Solution from Alspec®

Of the many important decisions made in building or renovating a home, few have wider impact than choosing the type and placement of windows.

Aero Louvre Powered by Alspec™ are a versatile, stylish window choice which enhance the look and feel of any home, while delivering environmental benefits and keeping occupants safe and protected.

Integrated with Alspec's Air-Flo Louvre system, Aero Louvre Powered by Alspec™ are a contemporary take on this popular classic style, designed to support passive home cooling by encouraging cross ventilation. If








you're looking to create fresh, natural living spaces, Aero Louvres Powered by Alspec are the energy efficient, safe and secure solution.

Offering the ultimate in vision, ventilation and value, Aero Louvre Powered by Alspec™ are a stylish and secure window option for the modern home. With their strength, durability and security, Aero Louvres provide an integrated ventilation and safety solution.

Housed within Alspec's Air-Flo Louvre Frames, Aero Louvres allow for full control of air flow and natural cross ventilation throughout your home. Fully opened, they promote passive cooling of interior spaces; fully closed their ergonomically curved blade clip design directs water away from the interior, forming a weathertight seal.



## Aero Louvre Features

-  **Maximum Ventilation**  
Offer up to 50% more ventilation than conventional windows.
-  **Performance**  
Tested to comply with AS2047 Windows in Buildings.
-  **Fall Prevention**  
Tested and compliant for elevated glazing and in accordance with AS5203.
-  **Durability**  
Engineered from corrosion resistant aluminium, stainless steel and UV stabilised polymer.
-  **Strength**  
Heavy duty operating mechanism to offer superior strength.
-  **Security**  
Bars or Invisi-Gard security screens can be easily integrated.
-  **Customise**  
Wide choice of customising options to provide greater design flexibility.

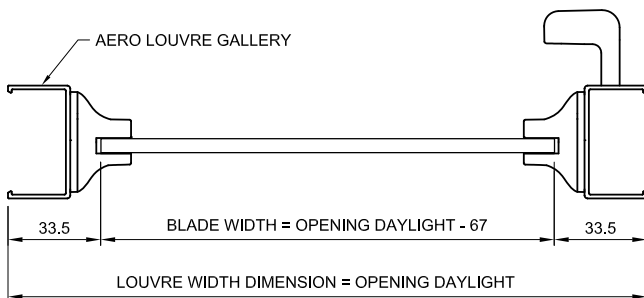
# Aero Louvre Size Chart

152mm Size Chart

BLADE QTY	BANK OF BLADES	CHANNEL LENGTH (mm)
2	2	320
3	3	460
4	4	600
5	5	740
6	6	880
7	4,3	1020
8	4,4	1160
9	5,4	1300
10	5,5	1440
11	6,5	1580
12	6,6	1720
13	5,4,4	1860
14	5,5,4	2000
15	5,5,5	2140
16	6,5,5	2280
17	6,6,5	2420
18	6,6,6	2560
19	5,5,5,4	2700
20	5,5,5,5	2840
21	6,5,5,5	2980

102mm Size Chart

BLADE QTY	BANK OF BLADES	CHANNEL LENGTH (mm)
3	3	306
4	4	395
5	5	484
6	6	573
7	7	662
8	8	751
9	9	840
10	5,5	929
11	6,5	1018
12	6,6	1107
13	7,6	1196
14	7,7	1285
15	8,7	1374
16	8,8	1463
17	9,8	1552
18	9,9	1641
19	7,6,6	1730
20	7,7,6	1819
21	7,7,7	1908
22	8,7,7	1997
23	8,8,7	2086
24	8,8,8	2175
25	9,8,8	2264
26	9,9,8	2353
27	9,9,9	2442
28	7,7,7,7	2531
29	8,7,7,7	2620
30	8,8,7,7	2709
31	8,8,8,7	2798
32	8,8,8,8	2887
33	9,8,8,8	2976



**Note:** Reference handle is from top of gallery to bottom



## Framing Options

### Aero Louvre 125mm Screened Frame

The Aero Louvre system has been purposely designed to integrate with the entire Alspec range providing a total solution for all residential and commercial louvre windows, including fixed lights and hinged doors.

A complete screened louvre frame offering a variety of external security, fall prevention and flyscreen options for louvre windows.

### Aero Louvre 50mm Slim Line Frame

The Aero Louvre range includes a slim line frame developed to suit narrow louvre installations. The narrow frame provides a slim, neat appearance using an integrated head and sill design.

## Screening Options

### Invisi-Gard® Stainless Steel Security Screen

Compatible with the Aero Louvre framing and other Alspec window and door framing systems, Invisi-Gard stainless steel screens add the ultimate security to louvre windows, while maintaining light, air and views.

### KidScreen® Window Fall Prevention

Our unique patented design makes KidScreen Window Fall Prevention screens a cost effective barrier solution specifically to prevent children falling from openable windows. Available in either Alspec's exclusive KidScreen mesh or marine grade 316 stainless steel mesh, the screens meet and exceed the required building construction standards for fall prevention, without compromising the look of the window.

### Standard Flyscreen

For general screening needs, Alspec offers a large range of aluminium and fibreglass insect screening products which are compatible for use with louvres windows.



## Aero Louvre Handle Options

For optimum natural ventilation, louvres must be easy to operate and handles easy to access\*. Aero Louvres have a selection of handles which make it simple and quick to open windows or change the angle of the blades to better direct air flow to where it is needed. Louvre handle options include standard, ring pull and low profile.



### Design considerations for louvre operation

The best control method for each window should be based on the needs of users, as well as the intended functionality and location of the louvres. Consideration should be given to handle location to provide easy access and operation.

#### Group handles together

Where Aero Louvres are configured in multiple bays, grouping handles in close proximity will make it easier to open and close groups of windows, using both hands. Handles can be positioned 'back-to-back' on side-by-side windows for simultaneous opening.

#### Windows to corners

When a louvre window is open, the handles will protrude to the inside of the window. It is recommended to avoid positioning handles adjacent to internal corners to avoid any potential conflicts. While either left or right hand positions are available, left hand is standard viewing from inside unless otherwise specified.

#### Avoid obstructions

Handle position should be optimised to make sure they will not be obstructed by the future location of furniture such as desks or lounges. Positioning the handle at an appropriate height will ensure easy access regardless of furniture layout.





## Standard Handle

- The most common choice for louvre control, providing discreet and effective closing pressure.
- Used for easy-to-reach applications, this handle is designed to fit the contours of the human hand.
- Made from engineered plastic for strength and UV stabilised for durability.
- Louvre handles are positioned on the left of the glass (viewed from inside), making them easy to operate using the right hand to suit the majority of the population.
- Handles can be specified to suit left hand users or to avoid conflicts with adjacent windows or furniture.



## Low Profile Handle

- Suitable for bi-fold, hinged and sliding doors or any situation where minimal protrusion is required (12.5mm when in the closed position).
- Handle sits flush with minimal impact on the appearance of the window.
- Slim line, functional fit ensures handle does not impact on curtains or operation of blinds.
- Made from durable stainless steel with a powder coat colour finish.



## Ring Pull Handle

- Suitable for louvre windows in high to reach locations such as loft ceilings, stairways or over sliding doors allowing easier operation.
- Allows the use of a map rod extension giving it the ability to operate the window in such higher locations.
- Can be operated by hand or extension pole.



**SYDNEY CORPORATE OFFICE & BRANCH**

3 Alspec Place Eastern Creek NSW 2766

Phone: 02 9834 9500 | Fax: 02 9834 9532 | info@alspec.com.au | sydney@alspec.com.au

**MELBOURNE BRANCH**

26-40 Pound Road West  
Dandenong South VIC 3175  
Phone: 03 8787 6333  
Fax: 03 8787 6399  
melbourne@alspec.com.au

**BRISBANE BRANCH**

8-22 Jutland Street  
Loganlea QLD 4131  
Phone: 07 3089 4900  
Fax: 07 3089 4999  
brisbane@alspec.com.au

**ADELAIDE BRANCH**

1 Pope Court  
Beverley SA 5009  
Phone: 08 8150 6960  
Fax: 08 8150 6999  
adelaide@alspec.com.au

**DARWIN BRANCH**

25 Bishop Street  
Woolner NT 0820  
Phone: 08 8941 7300  
darwin@alspec.com.au

**CANBERRA BRANCH**

28 Sheppard Street  
Hume ACT 2620  
Phone: 02 5134 3300  
canberra@alspec.com.au

**PERTH BRANCH**

30 Holder Way  
Malaga WA 6090  
Phone: 08 9209 9100  
Fax: 08 9209 9199  
perth@alspec.com.au

**NEWCASTLE BRANCH**

95 Griffiths Road  
Lambton NSW 2299  
Phone: 02 4952 9111  
Fax: 02 4952 9728  
newcastle@alspec.com.au

**BRENDALE BRANCH**

24 Doherty Street  
Brendale QLD 4500  
Phone: 07 3205 9911  
Fax: 07 3205 9915  
brendale@alspec.com.au

**CHEVALLUM BRANCH**

4-8 Empire Crescent  
Chevallum QLD 4555  
Phone: 07 5437 6123  
Fax: 07 5437 6124  
chevallum@alspec.com.au

**TOWNSVILLE BRANCH**

21 Carroll Street  
Mount Louisa QLD 4814  
Phone: 07 3089 4965  
Fax: 1300 131 747  
townsville@alspec.com.au

**CAIRNS BRANCH**

34-38 Hargreaves Street  
Edmonton QLD 4869  
Phone: 07 4037 6666  
Fax: 07 4037 6699  
cairns@alspec.com.au

**BUNDABERG BRANCH**

17 Production Street  
Svensson Heights QLD 4670  
Phone: 07 4111 2000  
Fax: 07 4111 2099  
bundaberg@alspec.com.au

Call 1300 ALSPEC (1300 257 732)  
alspec.com.au