



LOUVRE GALLERIES



OVERVIEW

Though louvre design has changed a great deal since their early days, one thing has remained constant... louvres are the only window system that gives you the 100% opening advantage. This means louvres are the most practical window system on the market when it comes to taking advantage of breezes and natural ventilation.

By design, louvres offer the least resistance to air flow. Open them for the full breeze effect, tilt them for ventilation even on a rainy day, or simply close them to seal the home and protect it from elements.

The practicality of louvres mean that they can be used anywhere or better yet, everywhere. Use louvres to open up a room or the entire house to fresh air and cool breezes. Cooling and ventilating your home with fresh, natural breezes is not only healthy, but also energy efficient. So you save money whilst doing your bit for the environment.

IT'S ALL IN THE NAME

Vent, the 100% opening advantage

Ergonomic handle design

Non-Scratch UV stabilised powder coat

Tested to meet AS4420 test methods & passed AS/NZS2047-2014

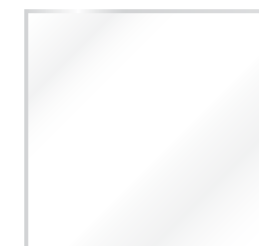
UV stabilised state-of-the-art polymer components

Sleek and elegant design when opened and closed

COLOUR OPTIONS



Satin Black



Pearl White



City Pearl

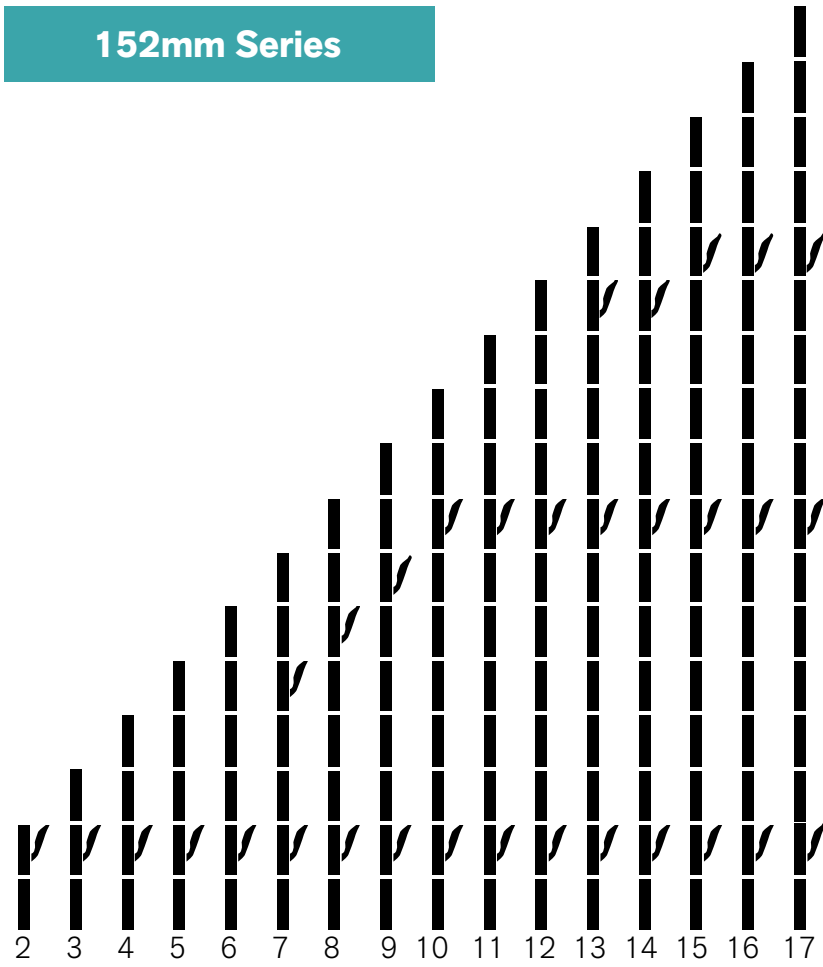
*For other colours please see your sales representative

ADVANTAGES

- Highest performing standard louvre product in Australia
- Window restriction compliant
- 10 year warranty
- Automated louvre version available
- Offset clips allow clearance of screens when installed in commercial main frame

GALLERY HEIGHTS & HANDLE LOCATION

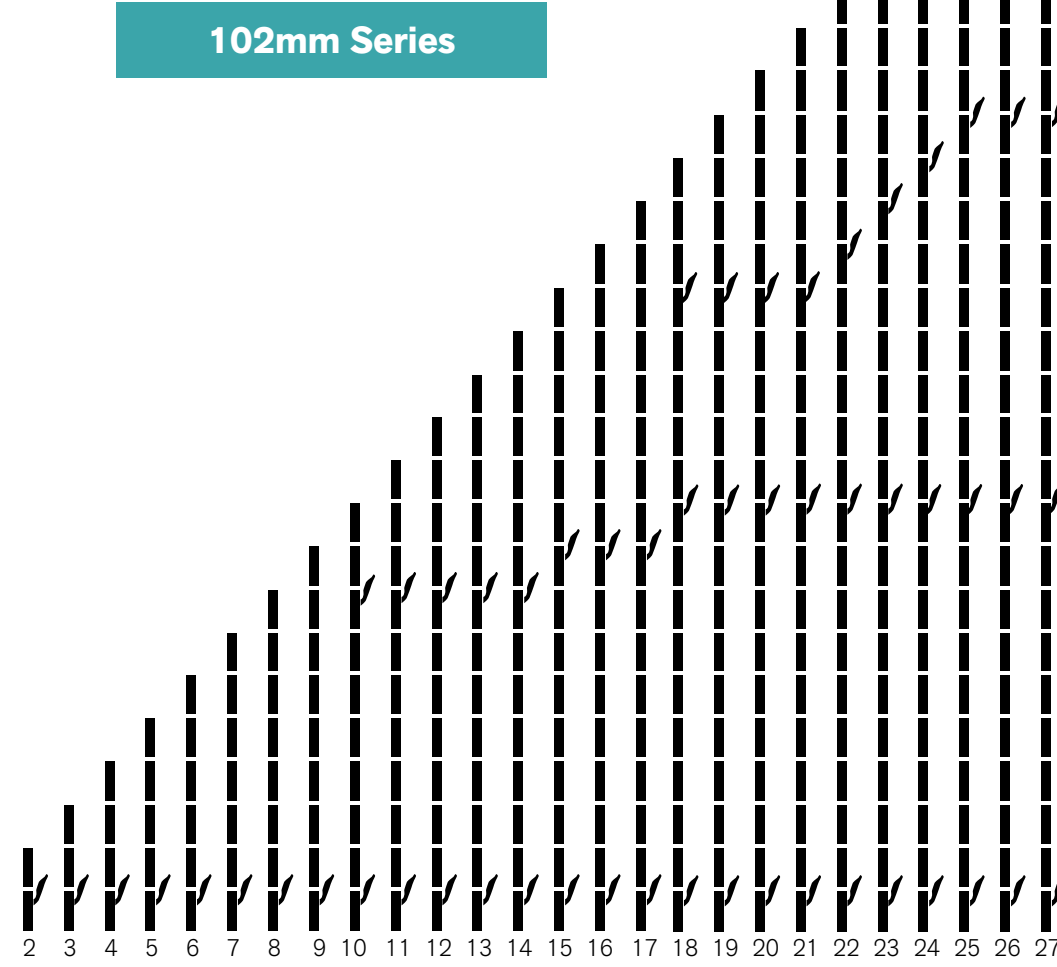
152mm Series



Number of blades

Standard Louvre Height 152mm	
Blades	Gallery Height Only
2	320mm
3	460mm
4	600mm
5	740mm
6	880mm
7	1020mm
8	1160mm
9	1300mm
10	1440mm
11	1580mm
12	1720mm
13	1860mm
14	2000mm
15	2140mm
16	2280mm
17	2420mm

102mm Series



Number of blades

Standard Louvre Height 102mm	
Blades	Gallery Height Only
3	311mm
4	401mm
5	491mm
6	581mm
7	671mm
8	761mm
9	851mm
10	941mm
11	1031mm
12	1121mm
13	1211mm
14	1301mm
15	1391mm
16	1481mm
17	1571mm
18	1661mm
19	1751mm
20	1841mm
21	1931mm
22	2021mm
23	2111mm
24	2201mm
25	2291mm
26	2381mm
27	2471mm



PRODUCT SELECTION GUIDE

Our easy-to-follow Product Selection Guide will walk you through the steps of designing our Ventus louvre window. Please note we do not provide Steps 1-4 but can help advise you on your selection.

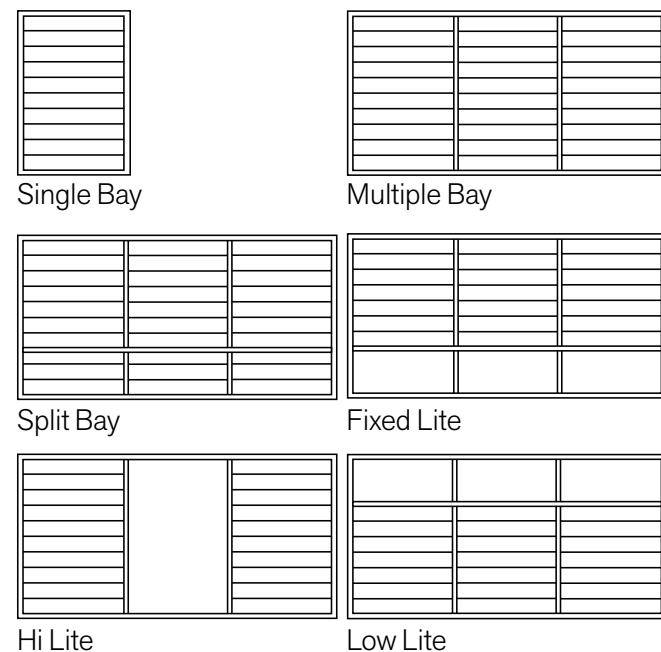
STEP 1 CHOOSE YOUR FRAME TYPE



ALUMINIUM TIMBER STEEL

STEP 2 CHOOSE YOUR FRAME CONFIGURATON

Ventus louvres are not only practical, they are also extremely versatile. No other window type comes even close to louvres for flexibility in configuration.



Single Bay

Multiple Bay

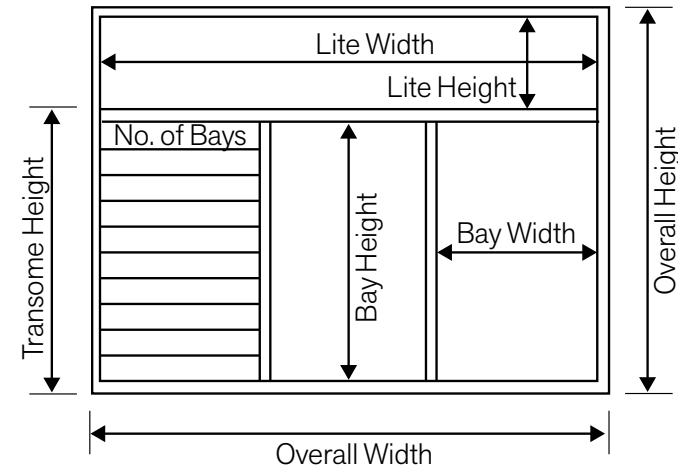
Split Bay

Fixed Lite

Hi Lite

Low Lite

STEP 3 CHOOSE THE SIZES



STEP 4 CHOOSE THE BLADES

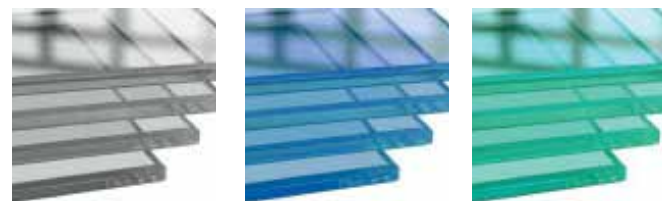
TIMBER BLADES



WRC

BEECH

TINTED GLASS BLADES



GREY

BLUE

GREEN

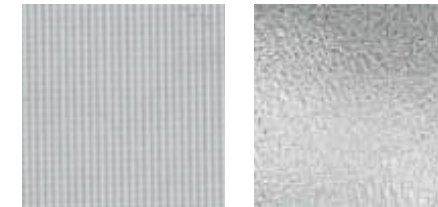
CLEAR GLASS BLADES



ULTRA CLEAR

NATURAL

TEXTURED GLASS BLADES



SATINLITE

CATHEDRAL

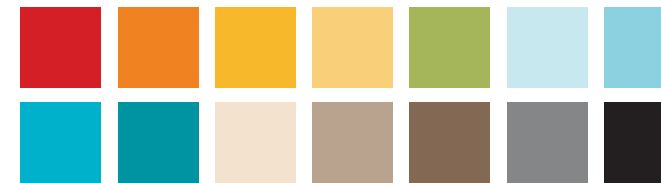
POLYCARBONATE BLADES



CLEARVIEW

PRIVACY

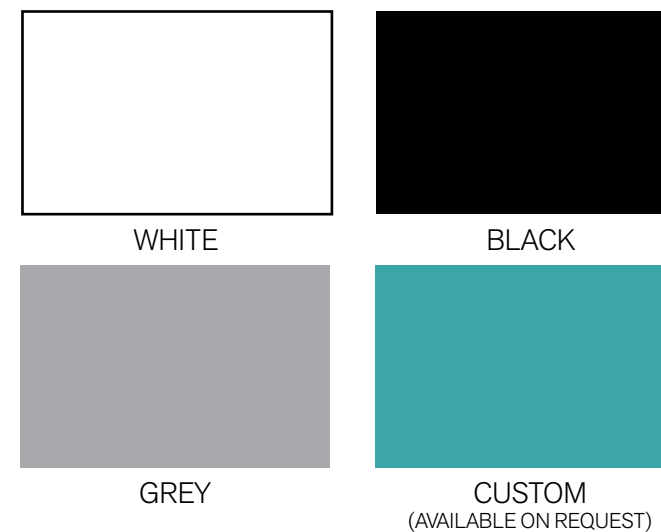
ALUMINIUM BLADES



No restriction/limit to powder coat colours.

Colours shown above are approximation of actual colours. Variations may occur due to surface texture, substance absorption, product thickness and light source.

STEP 5 CHOOSE THE GALLERY COLOUR



WHITE

BLACK

GREY

CUSTOM
(AVAILABLE ON REQUEST)

STEP 6 CHOOSE YOUR CONTROL METHOD



STANDARD CONTROL

Standard mechanism galleries providing good closing pressure. The most common choice for louvre control and adequate for most applications with a recommended blade spans of up to 800mm



DUAL CONTROL

Dual mechanism galleries providing increased closing pressure across the entire length of the blade. A popular choice for commercial applications and blade spans of up to 900mm.



RING PULL CONTROL

Allows the gallery to be operated by hand or an extension pole. This handle is the perfect choice for the high windows and hard to reach galleries.



AUTO LOUVRES

The Auto Louvre system allows users to open and close the Louvres with a remote, wall switch or Cbus BMS connection. No need to have specialised frames. The motors are hidden in the Gallery. The Gallery is powered via a 24 Volt power pack.



VENTUS

Louvre Galleries

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Let the
breeze in.™

FALL PREVENTION AND BLADE RETENTION

Ventus louvres have been tested to exceed requirements as stated by the BCA in both Fall Prevention and Blade Retention. Testing proved that a sphere of 125mm will not pass through the louvre when a horizontal outward force of 250N is applied. Restricted louvres with blades of up to 850mm are achieved when a dedicated permanent restrictor caps are installed. This means that the louvre restrictor cannot be removed or unlocked or over ridden.

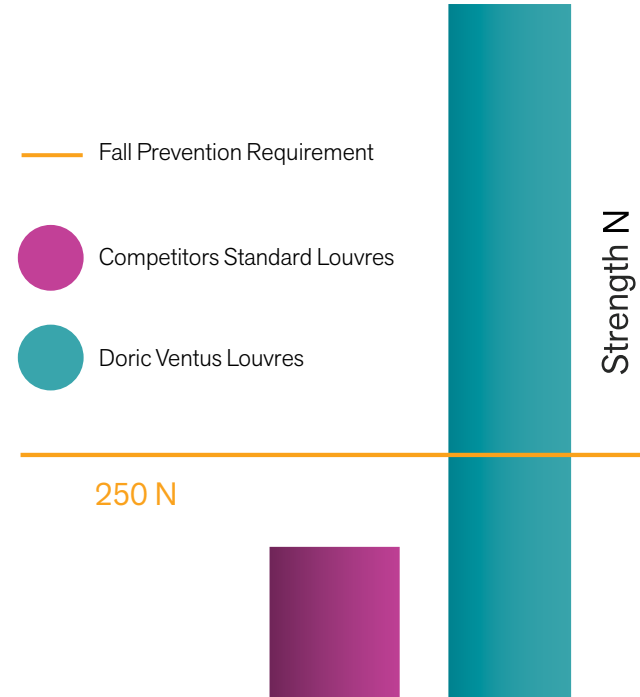
Ventus Louvres exceed the fall prevention requirements as stated by the BCA with restrictor cams applied. They have been tested and exceed the required 250N.

Testing proves that a 125mm sphere will not pass through the louvre when a horizontal outward force of 250N is applied.

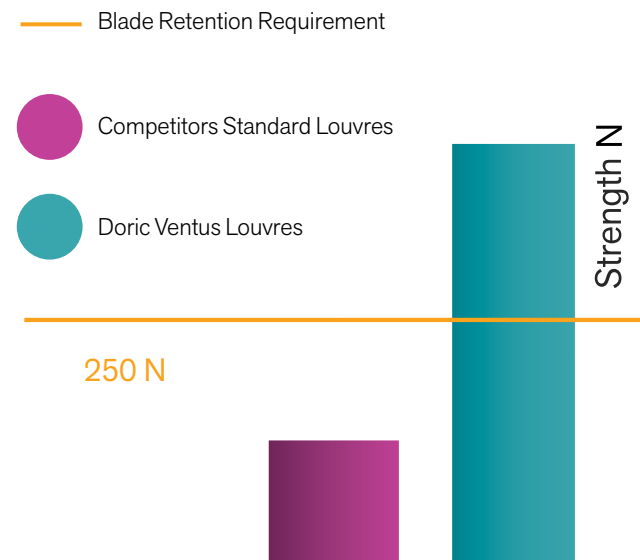
The Ventus Louvre Clip design achieves higher levels of blade retention when tested. Testing proved that with sustained loads being applied to the blades in accordance with the ICP005, the glass is safely retained in the clips without the need for further mechanical locking. The Ventus Gallery is the perfect choice of window for openings in high applications, multi-story, patio and balcony enclosures or winter gardens.



FALL PREVENTION



BLADE RETENTION



DO WE STAND UP TO THE ELEMENTS?

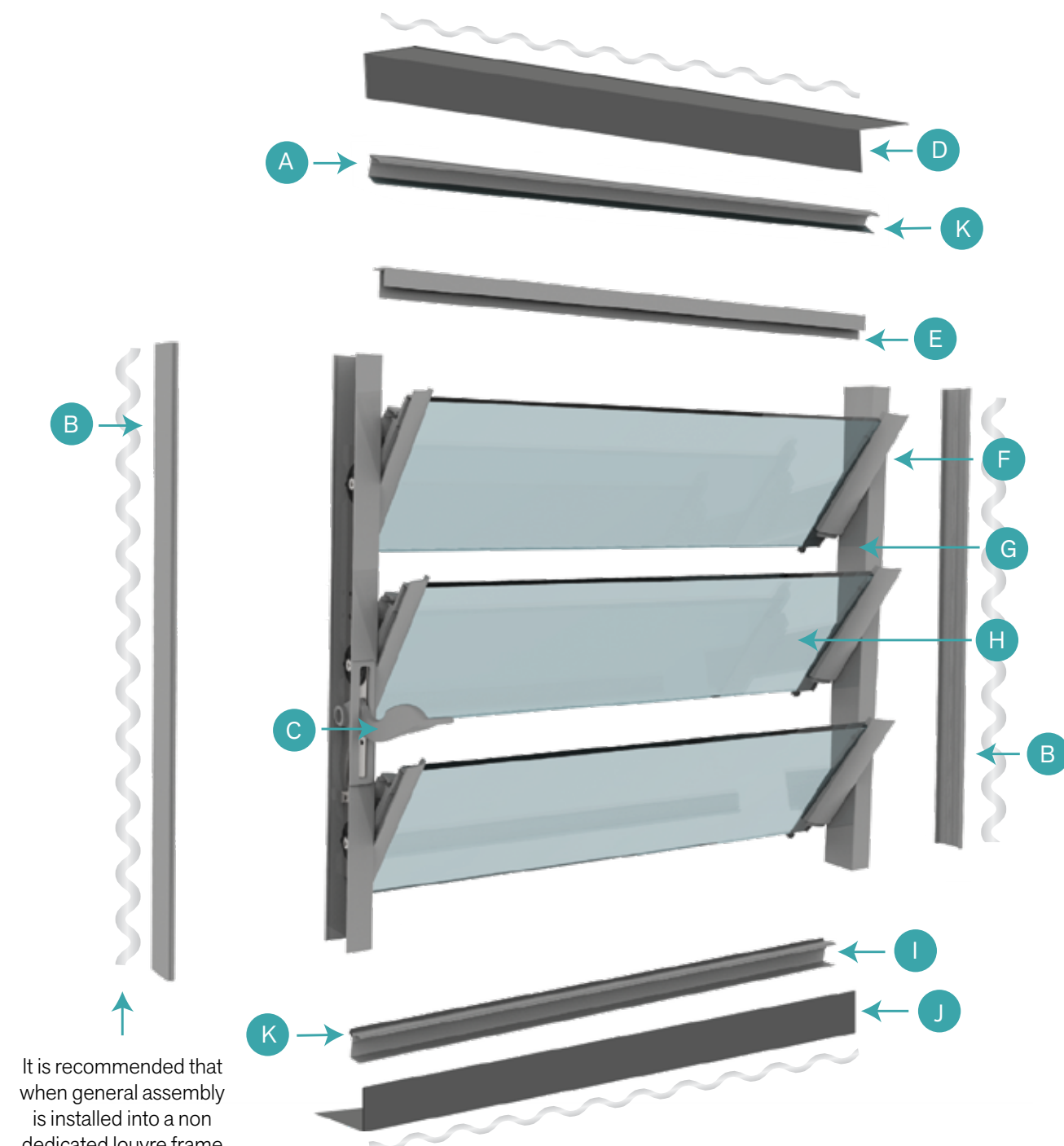


By combining cutting edge design, quality materials and precision manufacturing we built a gallery that is all about performance. We put the Ventus Louvre gallery through one of the most stringent testing regimes on the planet - the AS4420 (Testing methods for windows), and certified it in accordance to AS2047-1999 (Windows in buildings).





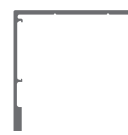





GENERAL RETROFIT ASSEMBLY

COMPONENTS & PART NUMBERS

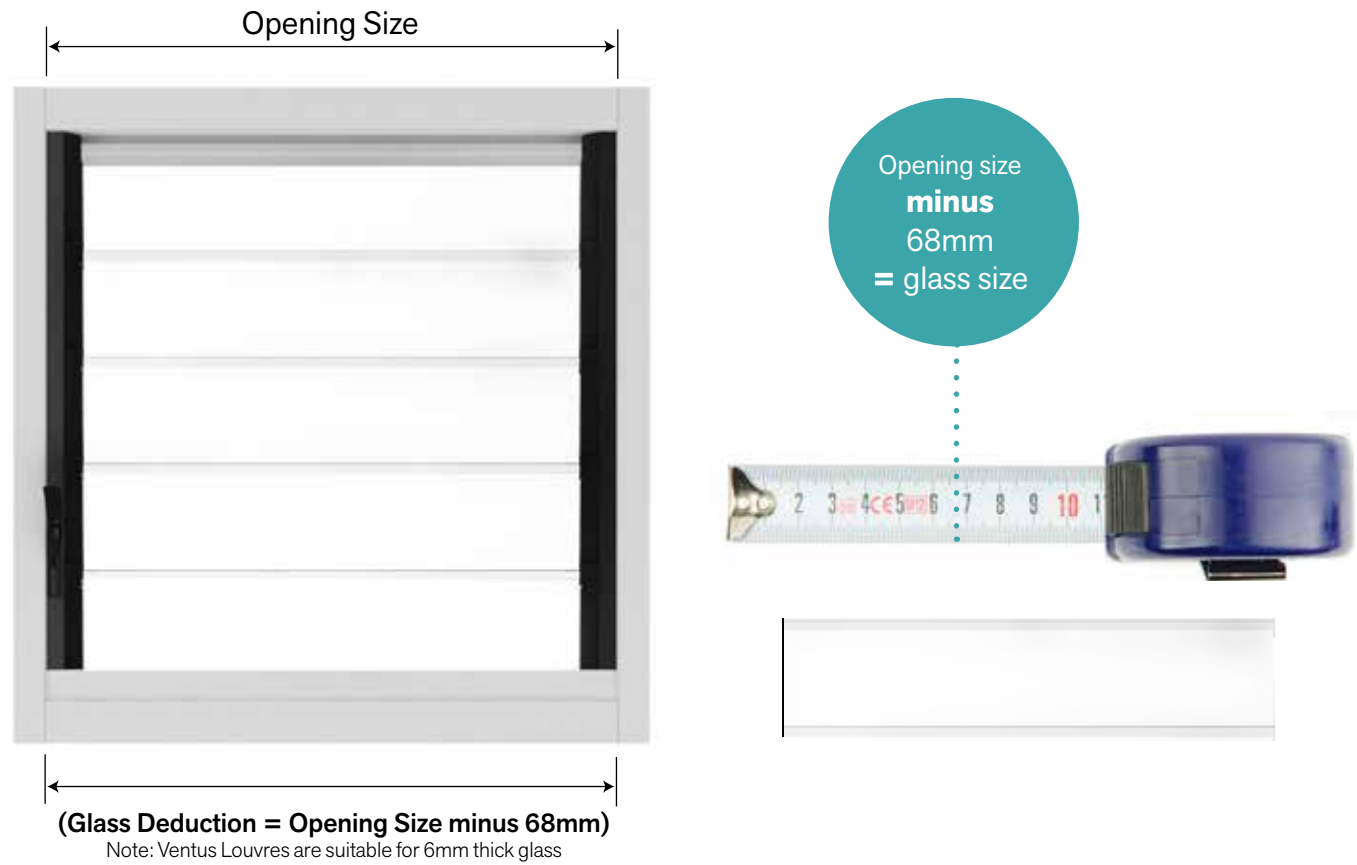


It is recommended that when general assembly is installed into a non dedicated louvre frame silicone is applied to the perimeter of components.

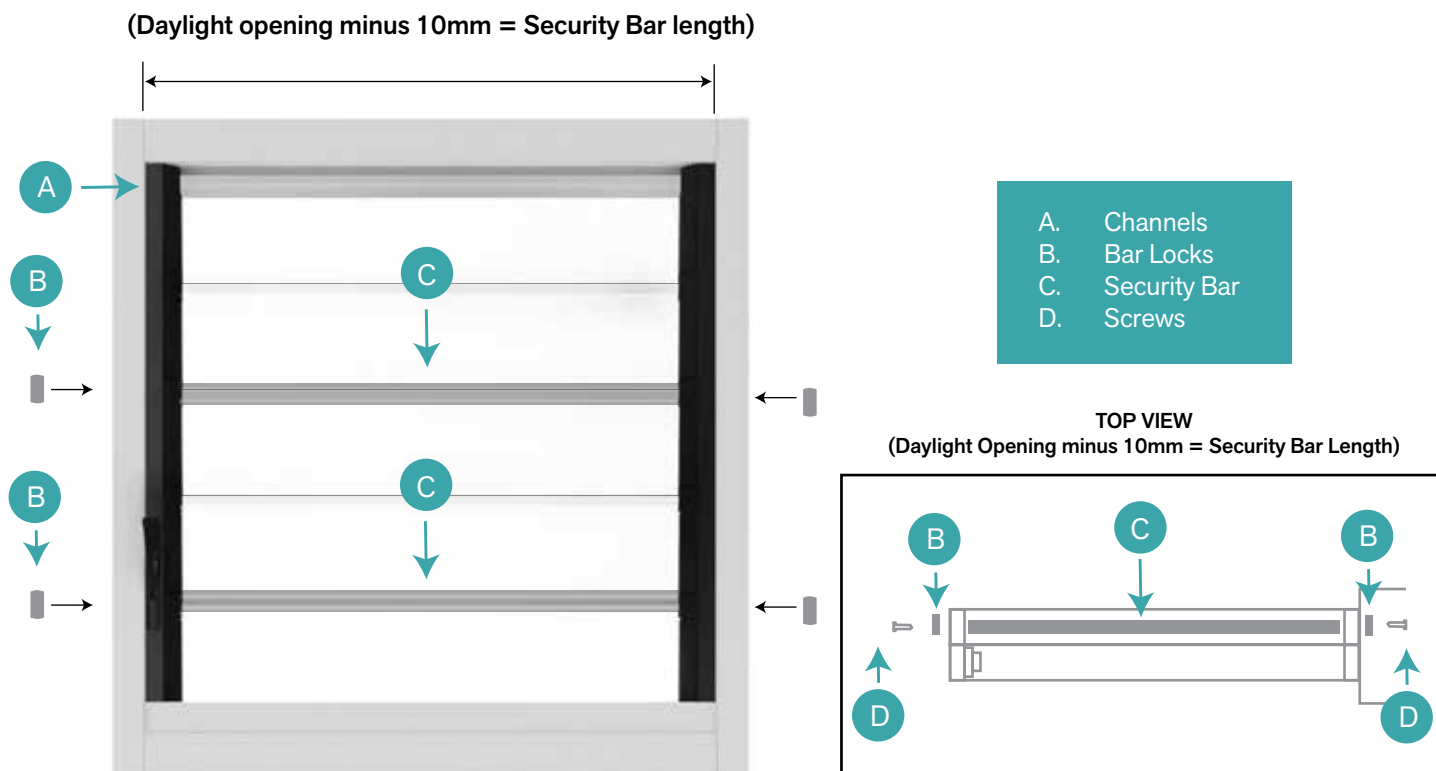
- A. Weather Strip (Top) - AL1309
- B. Gallery Adaptor - AL1312
- C. Louvre Gallery Handle
- D. Plant On Sill and Head - AL1314
- E. Fixed Blade Carrier (Optional) - AL1310
- F. Blade Clip
- G. Gallery Channel
- H. Glass Blade
- I. Weather Strip (Bottom) - AL1309
- J. Plant On Sill and Head - AL1314
- K. Rubber Weather Seal - 9048893

Components	Part #	Description
	LRVG-152-03-S-LN-BLK Please note glass is for illustration purposes only	LVRG = Louvre Gallery 152 = 152 mm clip 03 = 3 Blades S = Standard Handle LN = Left Hand No Holes BLK = Black
	LVRG-152-03-S-RN-BLK	LVRG = Louvre Gallery 152 = 152mm Clip 03 = 3 Blades S = Standard Handle LN = Left Hand No Holes BLK = Black
	AL1314	Plant on Weatherstrip * extrusion sold in 3m lengths
	AL1309	Weatherstrip (Top & Bottom) * extrusion sold in 3m lengths
	AL1310	Fixed Blade Carrier (Optional) (used to support glass in fixed blade application) * extrusion sold in 3m lengths
	AL1312	Louvre Retro Fit Adaptor (Used when gallery installation is not installed in dedicated louvre frame) * extrusion sold in 3m lengths
	9048993	Rubber Louvre Seal Roll - 250m
	9049767	Rubber Louvre Seal - 3m
	L-SEC-460 3 Blade	L = Louvre Gallery S = Security Bar 460 = Height of Channel 3 = # of Bars (Blades)

VENTUS GLASS DEDUCTION



SECURITY BAR CUTTING GUIDE



FIXED BLADE DEDUCTIONS

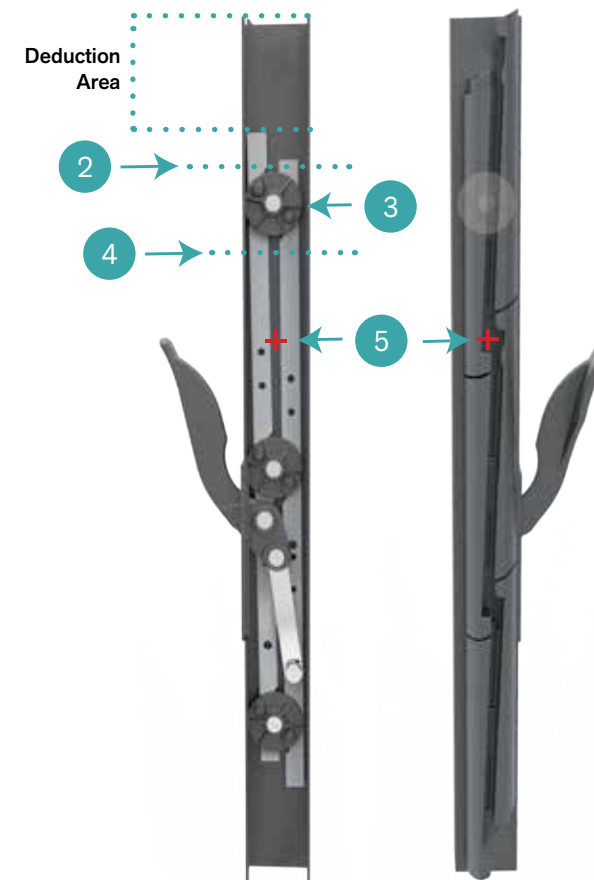
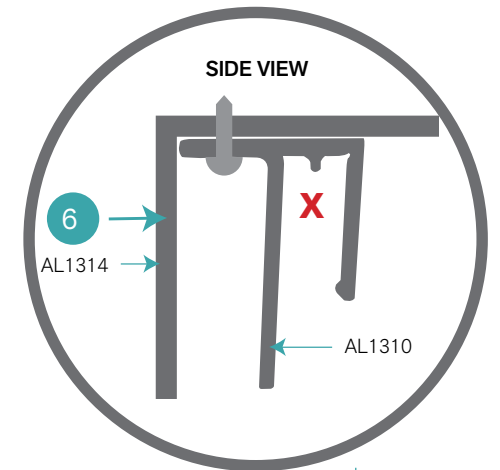
FOR NON STANDARD HEIGHT

A fixed blade is used when the height of the opening is smaller than that of a standard gallery height. For example a window size of 2200mm will require a 16 blade (2280mm) gallery. This will be cut down 80mm to 2200mm and the top clip disconnected and screwed off into the fixed position.

Fixed blade installation instructions:

- 1 Select the blade that is one size bigger than opening dimension. (refer to standard height chart. Example: if opening height is 2200mm a 16 blade, i.e. 2280mm is required)
- 2 Trim channel and clip to suit (see deduction area)
- 3 Disconnect link arms from pivot cap
- 4 Cut link arms
- 5 Screw through the blade clip + to the gallery channel from inside the glazing pocket
- 6 When a blade is less than 152mm a fixed blade carrier as shown below is required to be screwed into the frame to support the glass

Note: A fixed blade is required to be sealed and supported. To do this, screw AL1310 and AL1314 into the outer frame and then install the glass where indicated "X"



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LOUVRE GALLERIES