




VENTUS

**LOUVRE
GALLERIES**

2024.03 v1.7

alspec[®]
EVERYTHING ALUMINIUM
& HARDWARE

Alspec Ventus Louvre Galleries are the ultimate solution to

Let the breeze in.™

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 a

100% Opening Advantage

This means louvres are the most practical window system when it comes to taking advantage of breezes and natural ventilation. Louvres offer the least resistance to air flow, open them for the full breeze effect, tilt them for ventilation on a rainy day, or simply close them to seal the home and protect it from elements.

Louvres practicality means 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.

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 and passed AS/NZS2047-2014

UV stabilised state-of-the-art polymer components

Sleek and elegant design when opened and closed

Ventus Louvre Galleries offer modern attractive louvre blade clips, a range of handles options and performance tested beyond the Australian Standard requirements. Ventus Louvre Galleries are an outstanding choice for homes and commercial premises across Australia.

The louvre clips have been designed and manufactured to hold 6mm toughened or float blade glass* with a maximum length of up to 950mm in both 102mm and 152mm blade lengths.

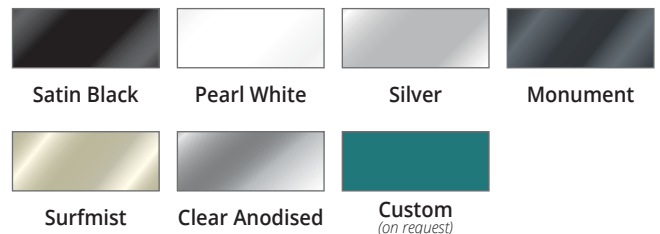
FEATURES

- Made from non-toxic, environmentally friendly, UV stabilised, non-corrosive and resilient materials
- Window restriction compliant
- Tested, passed and certified under the most stringent Australian tests
- 6 year warranty

ADVANTAGES

- Energy efficient louvre windows for maximum energy savings
- Highest performing standard louvre product in Australia
- Offset clips allow clearance of screens when installed in commercial main frame

COLOUR OPTIONS



BLADE SIZES

Ventus Louvres are available in two sizes with the 102mm best choice when screens are fitted.



152mm Series



102mm Series

SPECIFICATIONS

* Glass Blades not included.
Laminated glass not suitable with Ventus Louvres

FOR GLASS:

Thickness: 6mm
Glass Type: Toughened or float blade
Max Length: glass 950mm



CONTROL OPTIONS

MANUAL



LOW PROFILE HANDLE

This handle is perfectly suited to galleries with blinds or curtains installed, as well as high, out of reach windows that require a hook rod to operate. Dual low profile handle is also available for handing on both sides.



RING PULL HANDLE

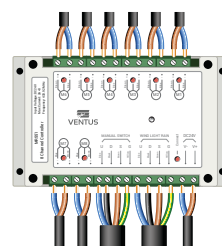
The Ring Pull lever offers generous grip for operation by hand, and a large eyelet for use with a map-rod pole. The perfect choice for the high and hard to reach galleries.

AUTOMATED



AUTOMATED LOUVRES

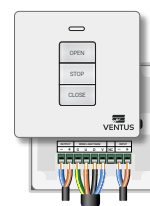
The Automated Louvre system allows users to open and close the Louvres with a remote, wall switch or Cbus/BMS connection. The motor is hidden in the Gallery framing and connected by a plug and play control unit powered by a 24V DC power pack.



8 Channel Controller



2 Pin Plugs
(Power and Motors)



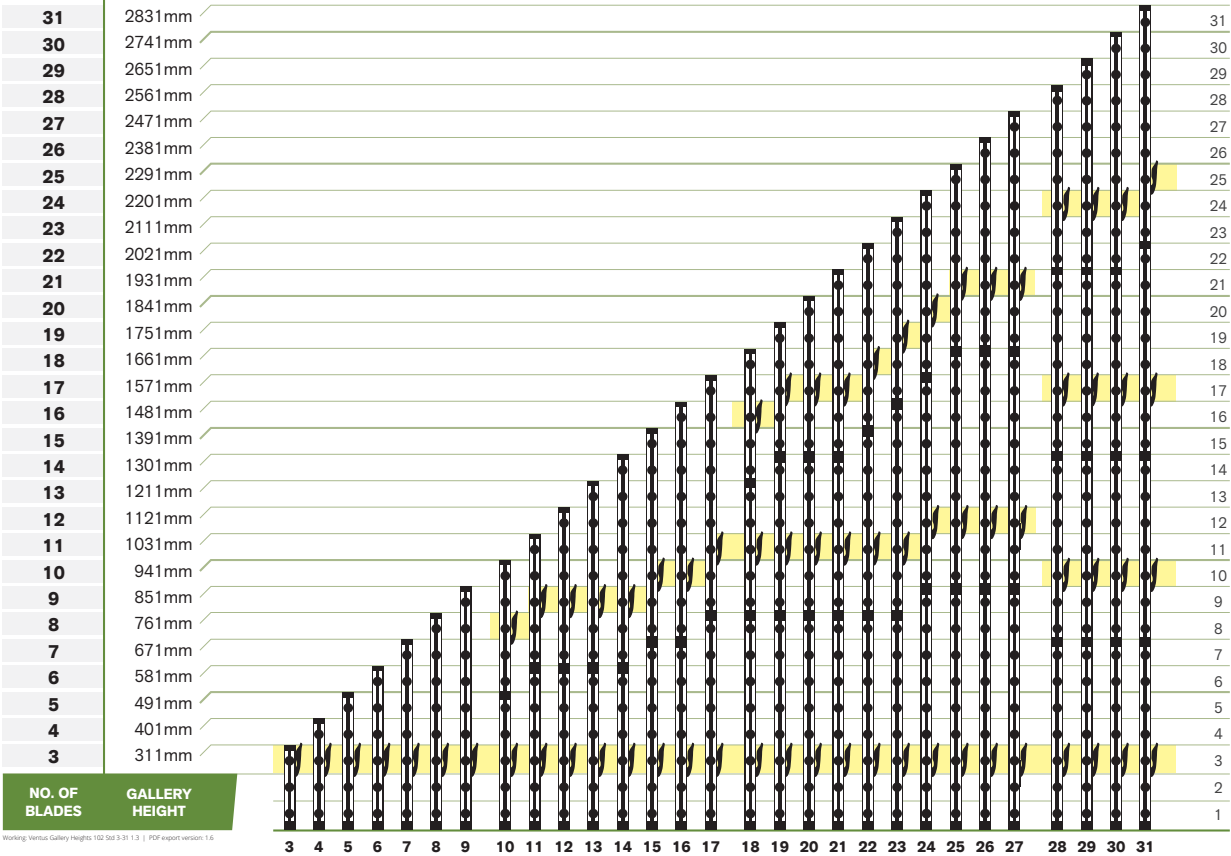
1 Channel Controller



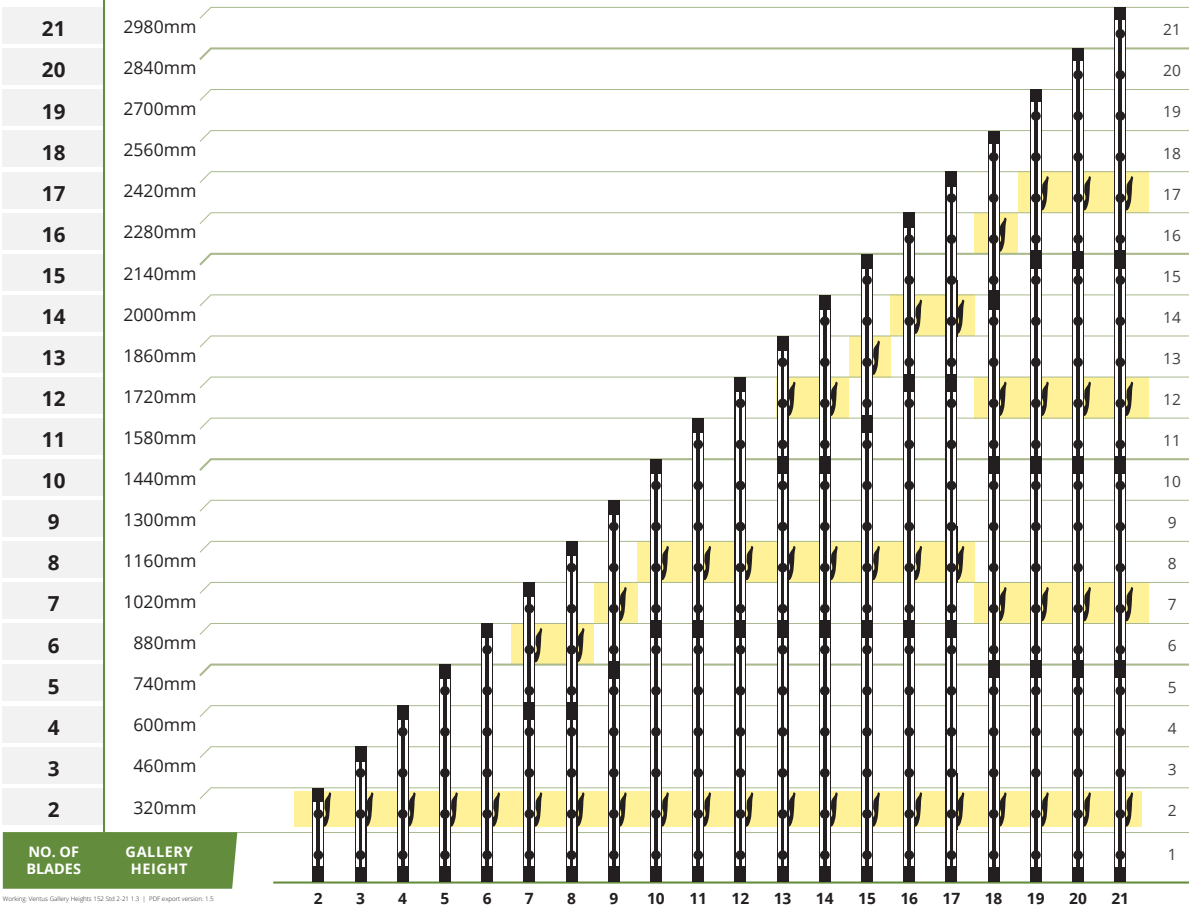
4 Pin Plugs
(Accessories)

GALLERY HEIGHTS & HANDLE LOCATION

VENTUS LOUVRE GALLERY - 102mm SERIES



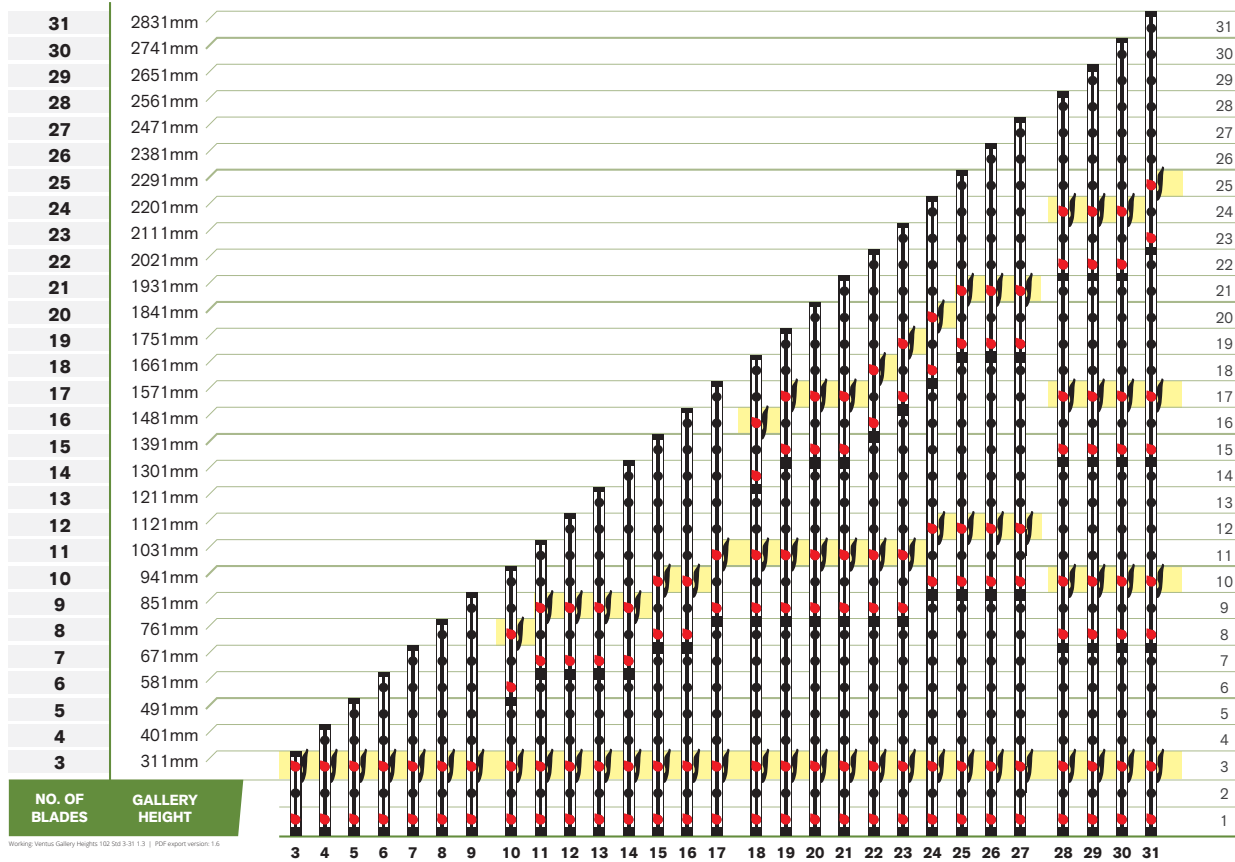
VENTUS LOUVRE GALLERY - 152mm SERIES



GALLERY HEIGHTS & HANDLE LOCATION

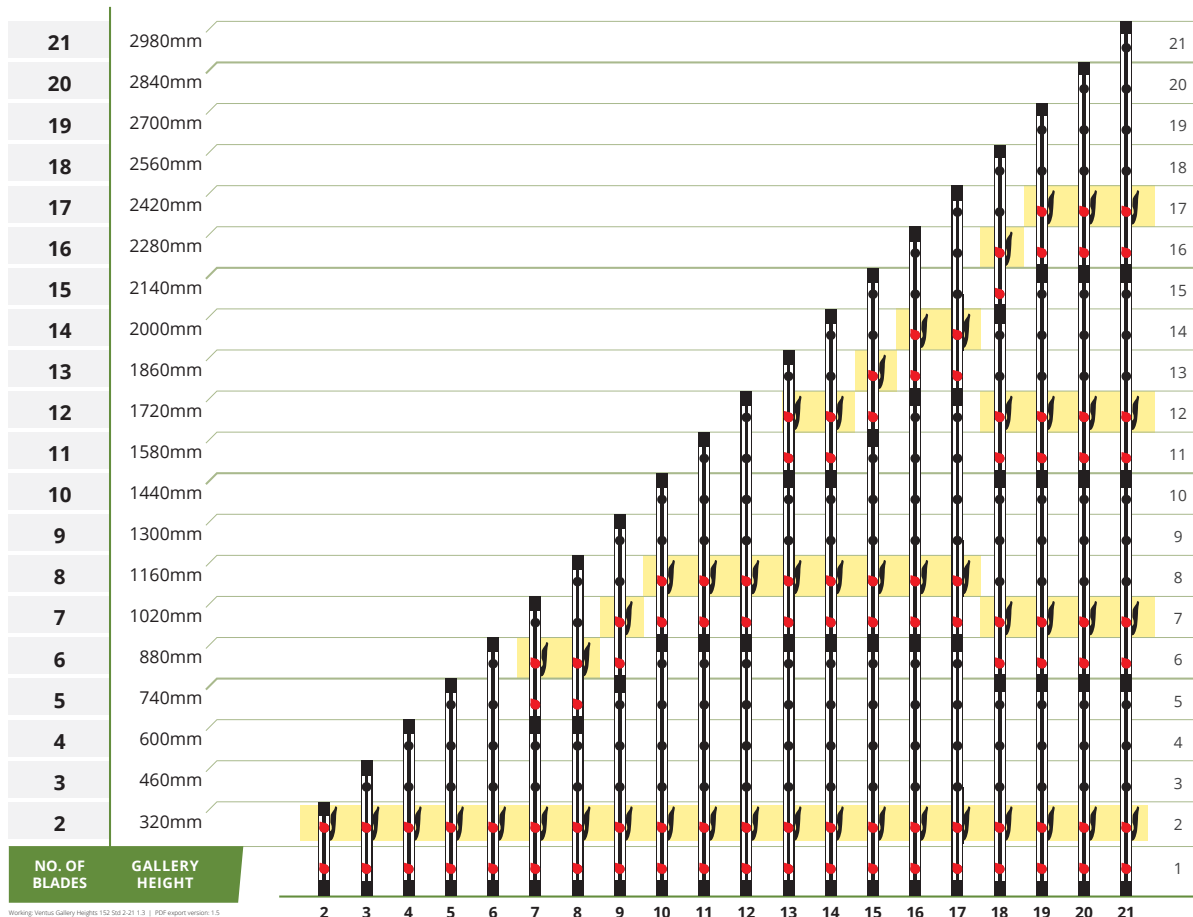
VENTUS LOUVRE GALLERY - 102mm SERIES

RESTRICTED



VENTUS LOUVRE GALLERY - 152mm SERIES

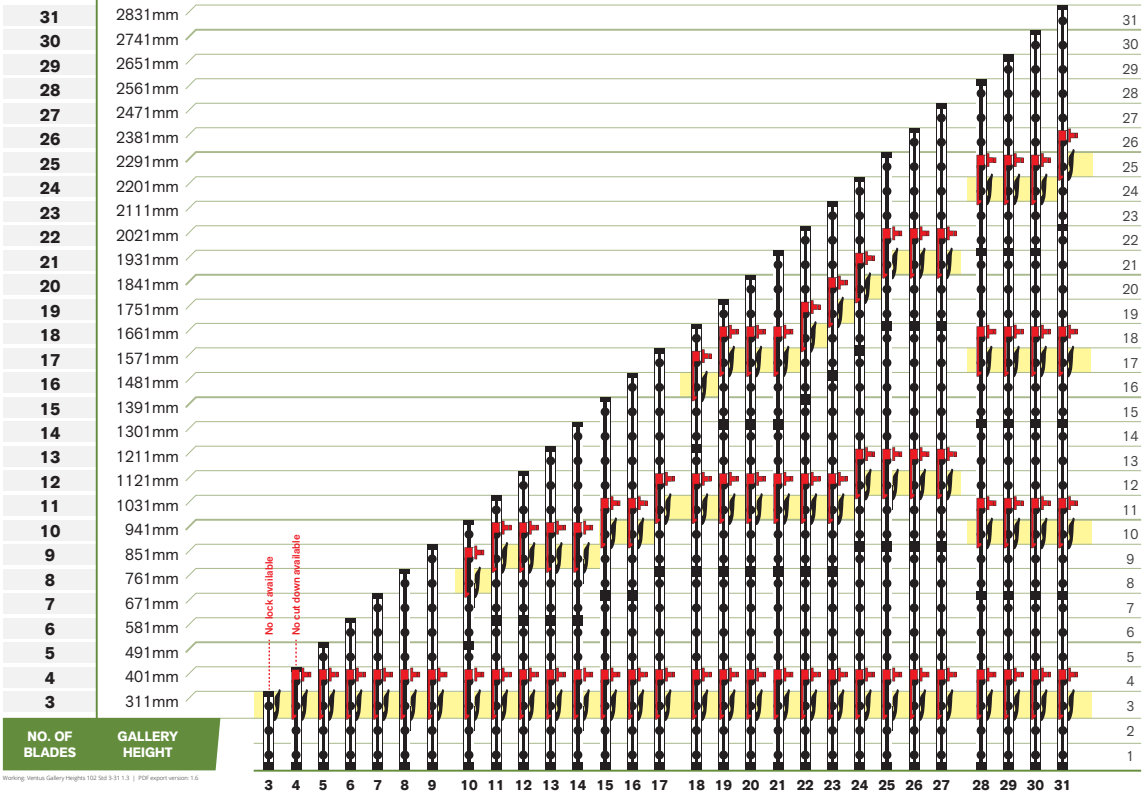
RESTRICTED



GALLERY HEIGHTS & HANDLE LOCATION

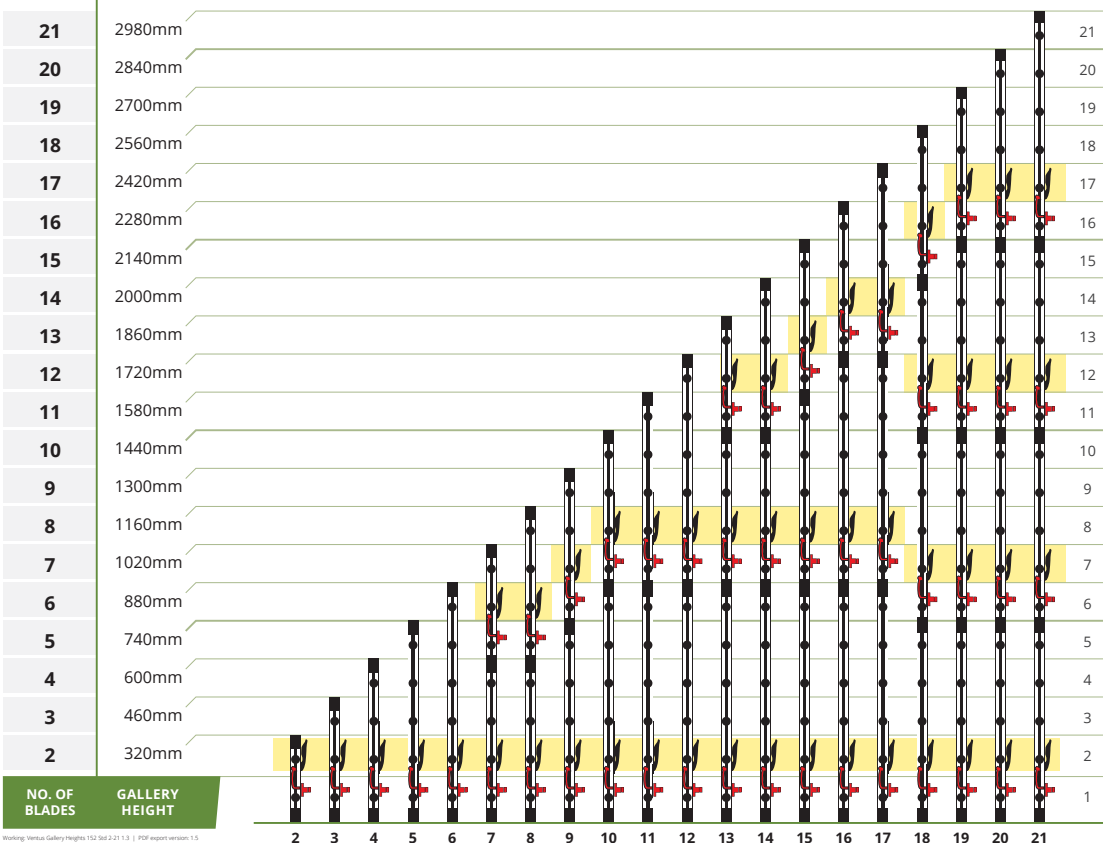
VENTUS LOUVRE GALLERY - 102mm SERIES

WITH LOUVRE LOC



VENTUS LOUVRE GALLERY - 152mm SERIES

WITH LOUVRE LOC

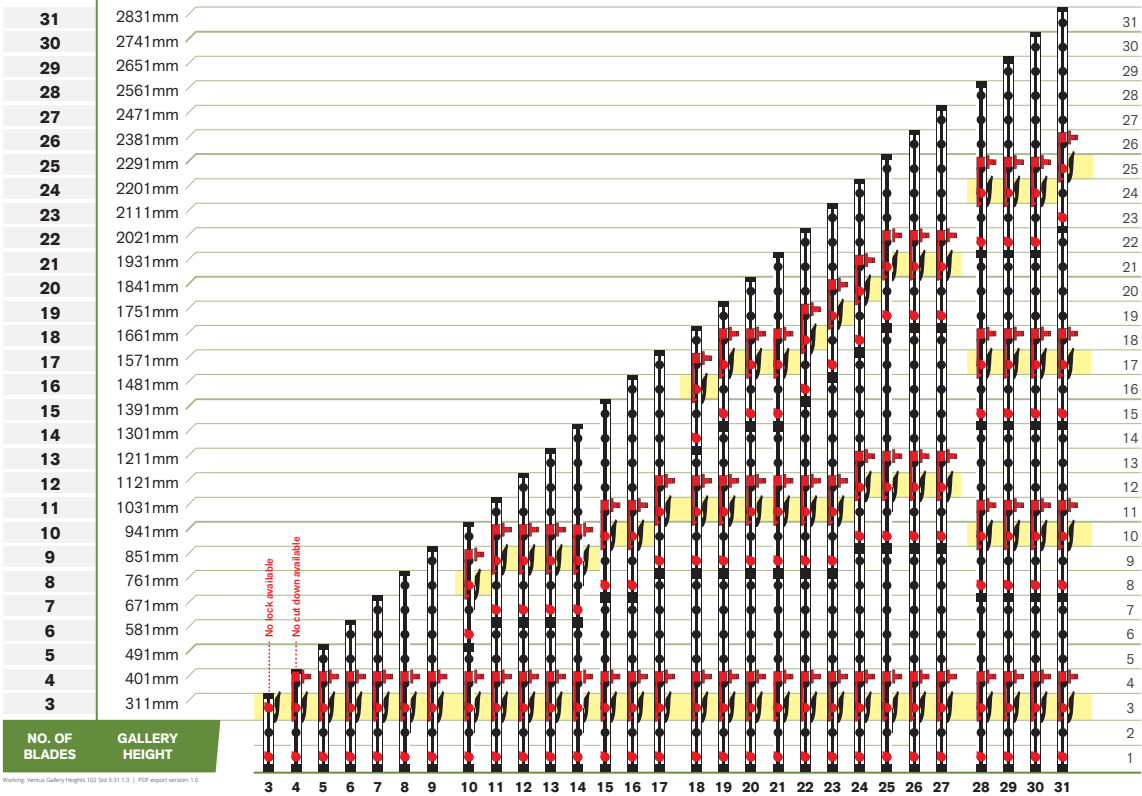


GALLERY HEIGHTS & HANDLE LOCATION

VENTUS LOUVRE GALLERY - 102mm SERIES

RESTRICTED

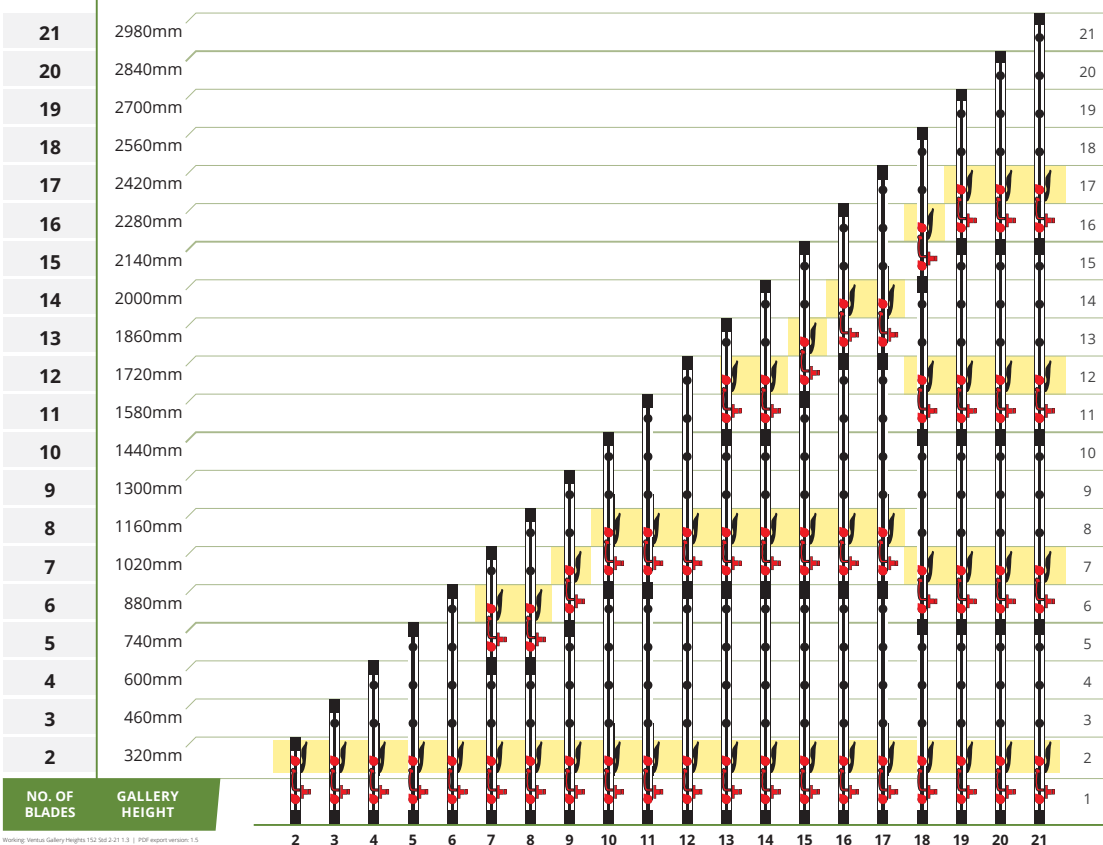
WITH LOUVRE LOC



VENTUS LOUVRE GALLERY - 152mm SERIES

RESTRICTED

WITH LOUVRE LOC



LOUVRE LOC



The Ventus Louvre Loc offers a convenient, easy to use method in securing your louvres when in the closed position.

It works just like a window, the Louvre Loc lets you close then lock the louvres for security and peace of mind. Louvre Loc is available for 152mm Series & 102mm Series of Ventus Louvre Systems.

Designed in Australia by Doric, the Louvre Loc fits within the existing Ventus louvre system without any modifications other than drilling the channel for mounting the lock.

ADVANTAGES



Easy to use - a simple turn of the snib key secures the louvres when shut.



Removable Snib - Unique Australian design turns the snib lock into a removable key for added security.



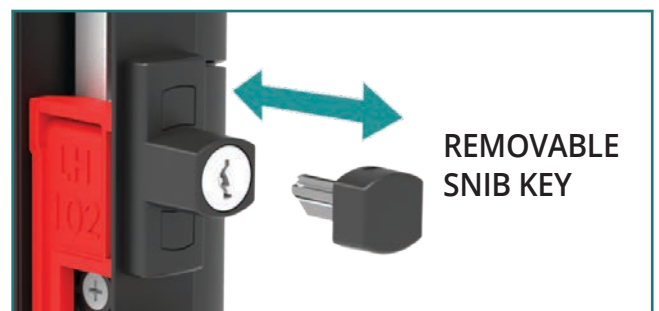
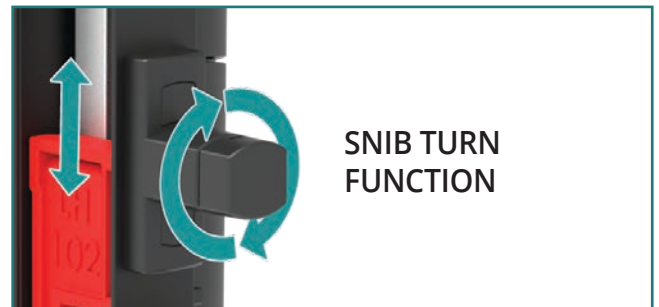
Key Compatibility - Operates with Snib Key or Doric C4 key profile.



Smart innovative design - An Australian design by Doric, assuring the highest quality and standards.



Colour matched to channels - when ordered together with louvre galleries.



COLOUR OPTIONS



SATIN BLACK



PEARL WHITE



SILVER



MONUMENT



SURFMIST



CUSTOM
ON REQUEST

102mm SERIES LOUVRE LOC

For the 102mm Series Louvre the Louvre Loc is fitted above the handle. When engaged, the locking arm slides down to obstruct and lock the handle.



COMPATIBLE HANDLES:

- Low Profile
- Ring Pull



GALLERY CLOSED
LOCKED POSITION
SNIB KEY IN



GALLERY CLOSED
UNLOCKED POSITION
SNIB KEY OUT



GALLERY OPEN
UNLOCKED POSITION
SNIB KEY IN

152mm SERIES LOUVRE LOC

The 152mm Series Louvre, the Louvre Lock is located below the louvre handle, operating the red locking arm inside the channel that slides up to obstruct and lock the handle in place.



COMPATIBLE HANDLES:

- Low Profile
- Ring Pull



GALLERY CLOSED
LOCKED POSITION
SNIB KEY IN



GALLERY CLOSED
UNLOCKED POSITION
SNIB KEY OUT



GALLERY OPEN
UNLOCKED POSITION
SNIB KEY IN



Installation Video:
YouTube:
102 Louvre Loc Overview & Installation



Installation Video:
YouTube:
152 Louvre Loc Overview & Installation



VENTUS | AUTOMATED LOUVRE GALLERIES

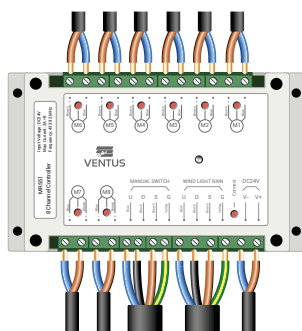
Alspec Automated hardware provides a complete range of automated hardware for residential and commercial applications.

Auto Louvre hardware is a control option available for Ventus Louvre Galleries. It's an easy to install 24V DC 'Plug & Play' system that does not require an electrician for simplicity and reliability.

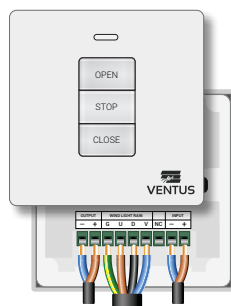
Alspec Automated Hardware can be used in floor to ceiling systems as well as operating galleries in those hard to reach areas.

PLUG&PLAY SYSTEM

The Alspec 'Plug & Play' system consists of a range of controllers and motors connected via quick connect plugs. The 'Plug & Play' system offers control for up to 8 windows and capable of operating all at the same time.



MR551
8 Channel Controller



MR536
1 Channel Controller



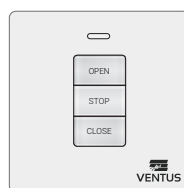
2 Pin Plugs
Power and Motors



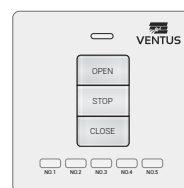
4 Pin Plugs
Accessories

REMOTES & CONTROLS

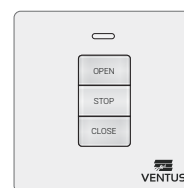
One controller can be connected to an infinite number of switches, allowing you to put the controls where you want for absolute convenience.



WT211
1-Channel
wireless
wall mounted
switch



WT215
5-Channel
wireless
wall mounted
switch



MS541
Wired
wall mounted
switch



RT111
1-Channel
wireless remote
control



RT1116
16-Channel
wireless remote
control



WATCH OUR VIDEO:
VENTUS AUTOMATED HARDWARE

YouTube Alchin Long Group

VENTUS | AUTO LOUVRES



COLOUR OPTIONS

(Gallery Channel and Blade Clips only, excludes glass)



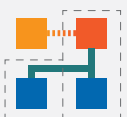
Satin Black Pearl White Silver Monument



Surfmist Clear Anodised Custom (on request)

**IP32
RATED**

When installed according to installation instructions

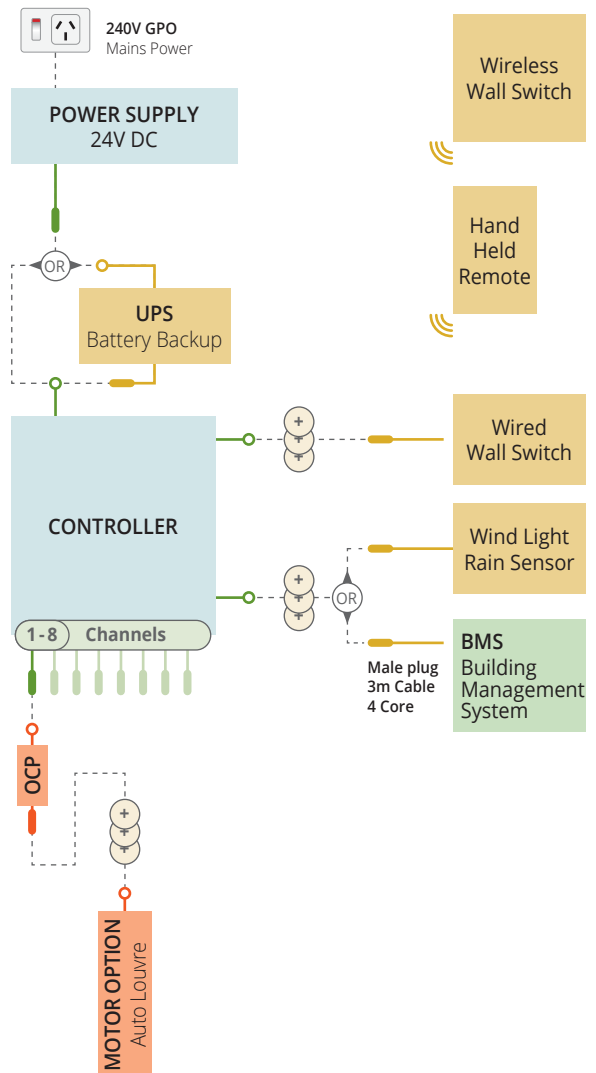


**OPERATES ON ALL
BMS & C-BUS**



C TICK Certified

CONNECTION QUICK GUIDE



SELECTION REQUIREMENTS:

BASE/MINIMUM

For the system to work, these are the base required hardware

EXTENSION OPTIONS

These items are added if required

MOTOR OPTION

Auto Louvre motor



**ADDITIONAL 'PLUG & PLAY'
EXTENSION LEADS AVAILABLE**



EITHER/OR OPTION



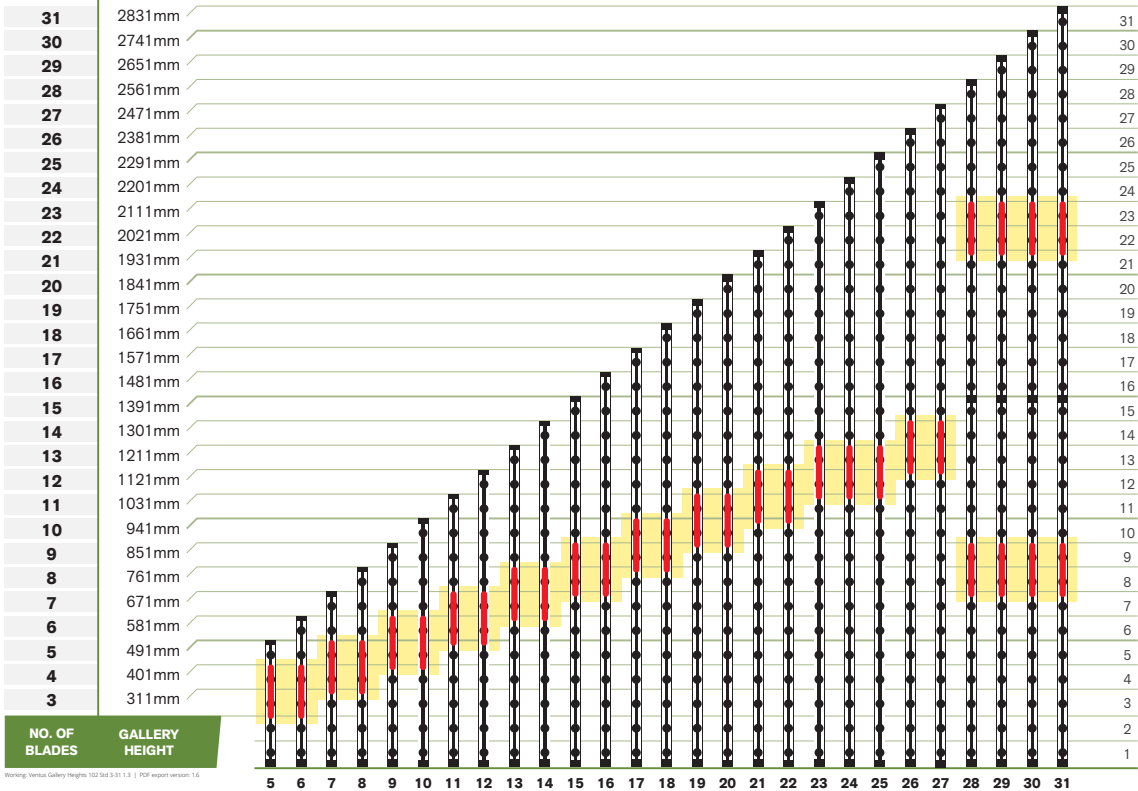
AVAILABLE CHANNELS
Repeat wiring per available channel as required

IMPORTANT:

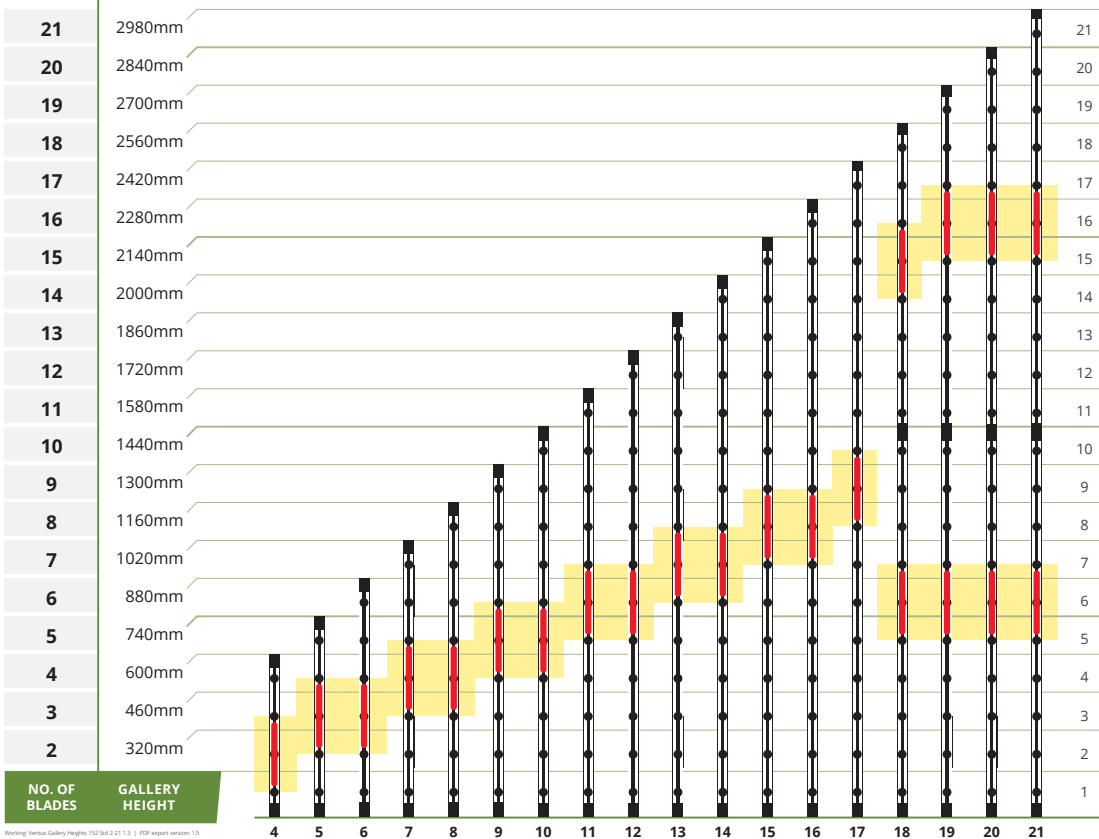
- System and Motors operate on 24V DC
- Repeat wiring for each channel/gallery as required
- Comprehensive electrical drawings and component lists are available

GALLERY HEIGHTS & MOTOR LOCATION

VENTUS LOUVRE GALLERY 102mm AUTO



VENTUS LOUVRE GALLERY 152mm AUTO



MOTOR LOCATION

Note:
Heights greater than the heights displayed are possible as engineered solutions

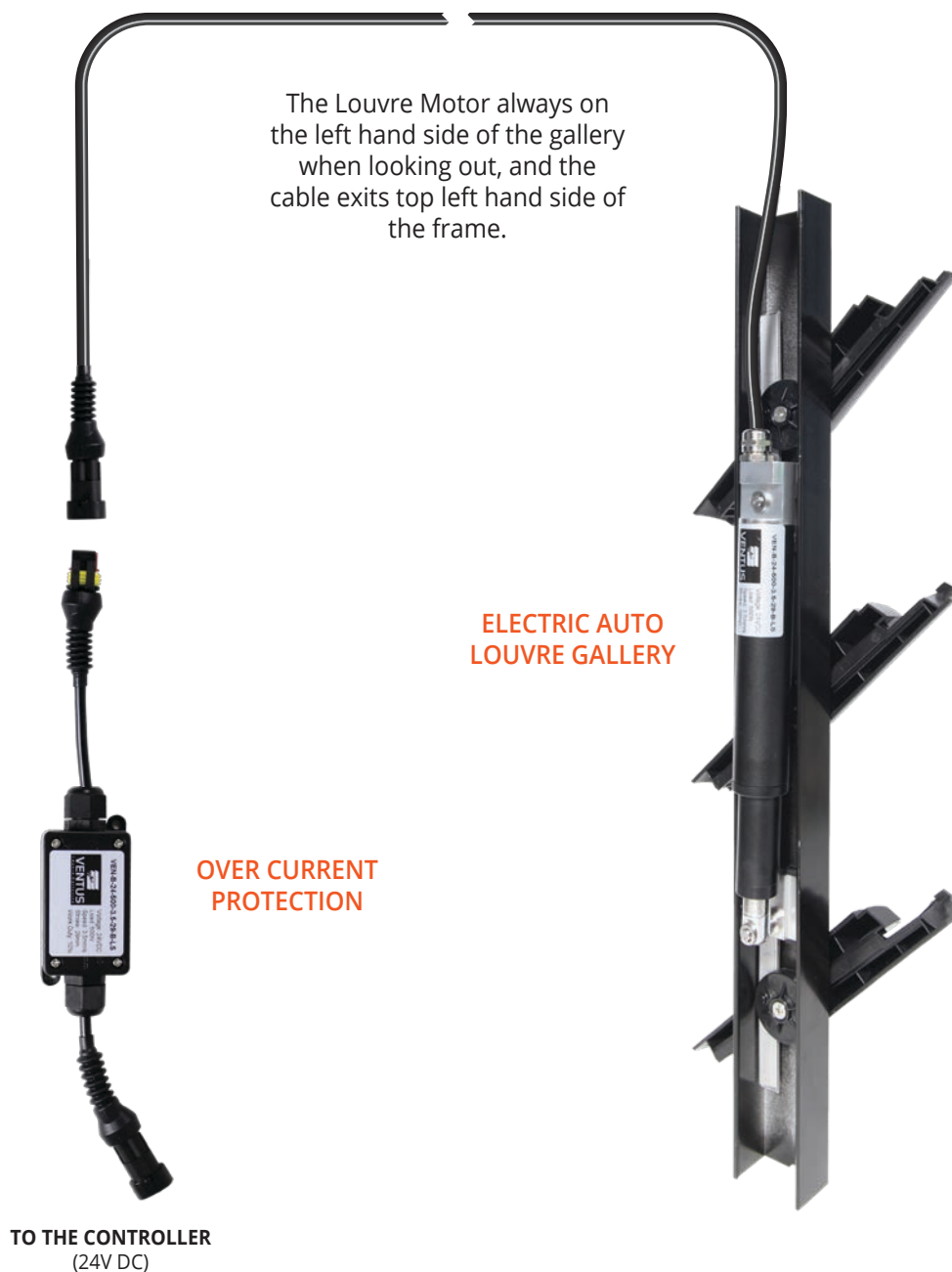
AUTO LOUVRE & OCP

An OCP (Over Current Protection) is a device that plugs in line directly to the Auto Louvre motor offering protection from damage.

In part owing to the louvre motors compact design and needing to fit within the gallery frame, the OCP is a separate device. It is recommended to be installed in the cavity or ceiling space next to the Control Box (controller) making it easier to access, troubleshooting faults, or swapping out a damaged unit.

The OCP operates like a fuse, designed to be a last line of defense to stop over current surges and spikes from reaching the motor. In the event this happens, the motor will temporarily not work until the OCP is replaced. The great advantage in protecting it like this avoids requiring extensive disassembly of the glass and galleries to access the motor for replacement. It's a matter of unplug and re install the OCP by the controller.

Every Auto Louvre motor requires a Over Current Protection (OCP) and one is supplied with every motor.



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 900mm are achieved when a dedicated permanent restrictor caps are installed. This means that the louvre restrictor cannot be removed or unlocked or over ridden.

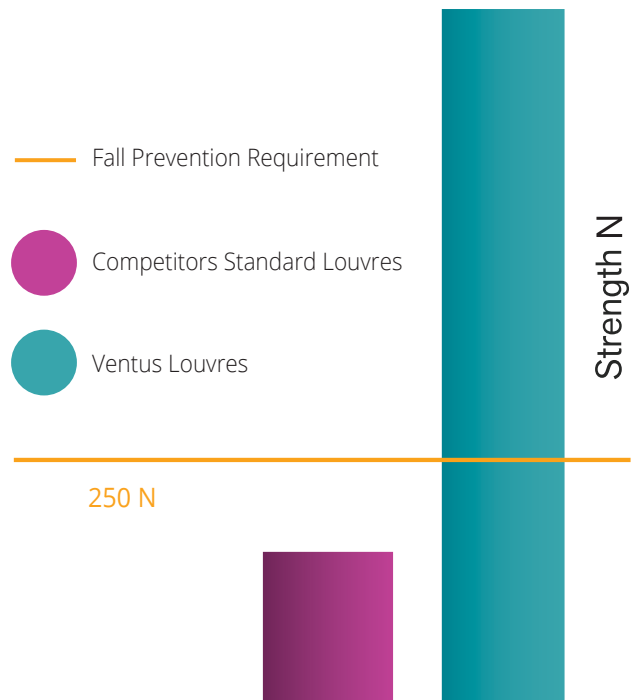
Ventus Louvres exceed the fall prevention requirements as stated by the BCA with restrictor cams applied. They have been tested and exceed the required 250N.

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

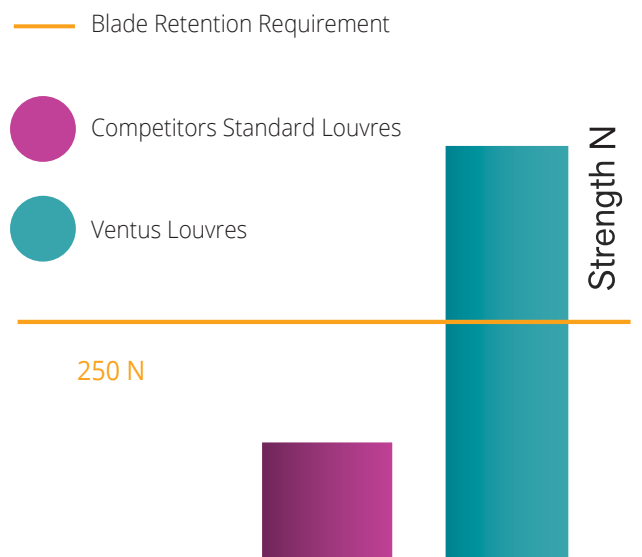
The Ventus Louvre Clip design achieves higher levels of blade retention when tested. Testing proved that with sustained loads being applied to the blades in accordance with the ICP005, the glass is safely retained in the clips without the need for further mechanical locking. The Ventus Gallery is the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



FALL PREVENTION



BLADE RETENTION





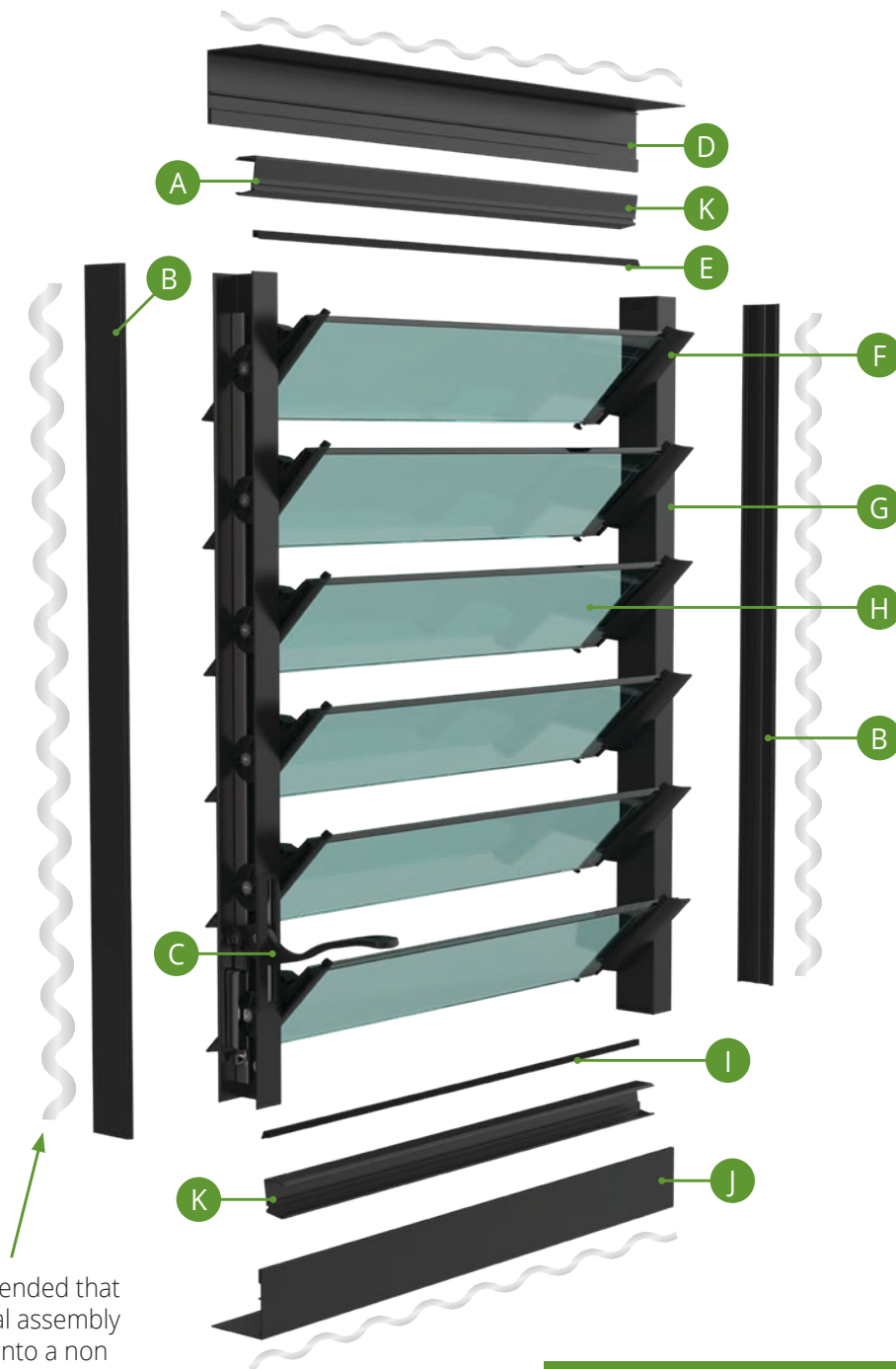
DO WE STAND UP TO THE ELEMENTS?

PASSED

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



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



Watch Video:
YouTube:
Retrofit Louvre Gallery Assembly Overview

- 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 (Not included)
- I. Weather Strip (Bottom) - AL1309
- J. Plant On Sill and Head - AL1314
- K. Rubber Weather Seal

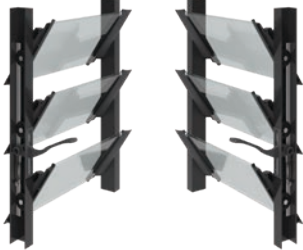
COMPONENTS & PART NUMBERS

C

F

G

H



LRVG-152-03-S-LN-BLK

152mm Louvre Gallery

Louvre Gallery	Clip (mm)	No. Blades	Handle	Handle Side	Colour
LVRG	152	03-31	L Low Profile	LN Left Hand No Holes	B Black
			DL Dual Low Profile	RN Right Hand No Holes	W White
			R Ring Pull	N No Holes (auto only)	S Silver
			A Auto		M Monument
					SM Surfmist
					CA Clear Anodised
					C Custom


Please note glass is for illustration purposes only

C

F

G

H



LRVG-102-03-S-LN-BLK

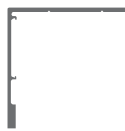
102mm Louvre Gallery

Louvre Gallery	Clip (mm)	No. Blades	Handle	Handle Side	Colour
LVRG	102	02-21	L Low Profile	LN Left Hand No Holes	B Black
			DL Dual Low Profile	RN Right Hand No Holes	W White
			R Ring Pull	N No Holes (auto only)	S Silver
			A Auto		M Monument
					SM Surfmist
					CA Clear Anodised
					C Custom

Please note glass is for illustration purposes only

D

J




AL1314

Plant on Weatherstrip

* Extrusion sold in 3m lengths

A

I




AL1309

Weatherstrip (Top & Bottom)

* Extrusion sold in 3m lengths

E




AL1310

Fixed Blade Carrier (Optional)
(used to support glass in fixed blade application)

* Extrusion sold in 3m lengths

B




AL1312

Louvre Retro Fit Adaptor
(Used when gallery installation is not installed in dedicated louvre frame)

* Extrusion sold in 3m lengths

K



9048993

Rubber Louvre Seal Roll - 250m

9049767

Rubber Louvre Seal - 3m

VENTUS GLASS DEDUCTION



(Glass Deduction = Opening Size minus 68mm)

Note: Ventus Louvres are suitable for 6mm thick glass

MANUAL LOUVRES

MANUAL

Opening Size
minus -
68mm
= GLASS SIZE



(Glass Deduction = Opening Size minus 113mm)

Note: Ventus Louvres are suitable for 6mm thick glass

AUTO LOUVRES

AUTO

Opening Size
minus -
113mm
= GLASS SIZE

Glass Blades not included. Fits 6mm toughened or float blade glass required. Laminated glass blades are not recommended for louvres as exposure to UV and sunlight deteriorates laminate edges; and where AS1288-2006 Glass in Buildings - Selection & Installation 5.12 is in effect, Grade A toughened safety glass is required.

Alspec does not warrant any Ventus Louvre Galleries where laminate glass has been installed. The system is not designed to take laminate glass as it creates excess force on the handles and binds the blades.

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 this, start with using the next size up standard gallery height above you required height and follow the calculations below.

Fix Blade Calculation:

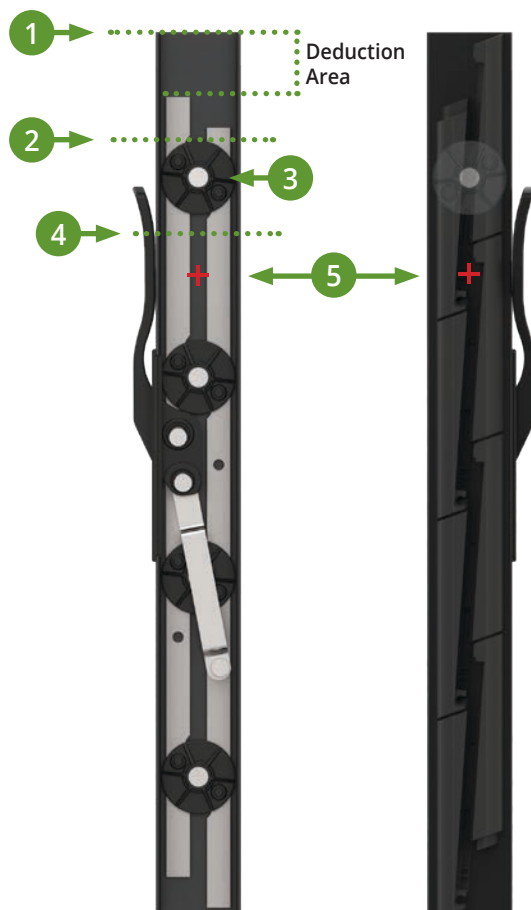
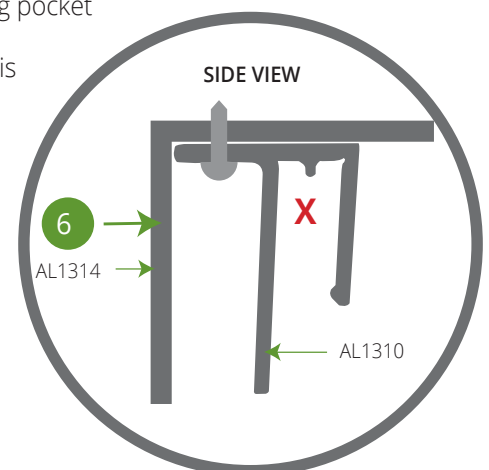
Standard gallery height – (minus) Required height – (minus) 10mm = Cut measurement;
Clip size (either 152mm or 102mm) – (minus) Cut measurement = Fixed Blade Height.

For example with a 152mm Gallery, a window height 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:

- Select the blade that is one size bigger than opening dimension (Refer to standard height chart).
- Trim channel and clip to suit (see deduction area)
- Disconnect link arms from pivot cap
- Cut link arms
- Screw through the blade clip + to the gallery channel from inside the glazing pocket
- When a blade is less than 152mm or 102mm, a fixed blade carrier as shown 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"



Established in 1974, Alspec is the market leaders in the design and distribution of innovative aluminium systems to the architectural, industrial and home improvement markets.



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