



Doric 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 the 100% opening advantage. This means louvres are the most practical window system 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
and passed AS/NZS2047-2014

UV stabilised state-of-the-art polymer components

Sleek and elegant design when opened and closed

100% OPENING ADVANTAGE

Louvres gives you the 100% opening advantage. 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.

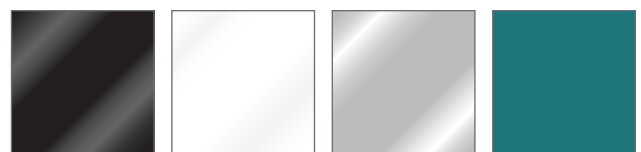
FEATURES

- 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
- Automated louvre version available

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



Satin Black

Pearl White

Silver

Custom
(on request)

BLADE SIZES

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



152mm Series



102mm Series



CONTROL OPTIONS

MANUAL



STANDARD HANDLE

The most common choice for louvre control, Standard mechanism galleries provide good closing pressure and are adequate for most applications with a recommended blade spans of up to 900mm



DUAL HANDLE

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



LOW PROFILE HANDLE

Providing a less conspicuous design, the Low Profile is best suited to smaller galleries that require less closing pressure to operate.



RING PULL HANDLE

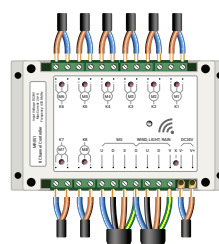
The perfect choice for the high and hard to reach galleries, Ring Pull can be operated by hand or an extension pole.

AUTOMATED

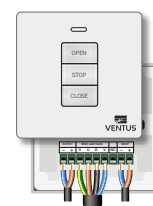


AUTO LOUVRES

The Auto 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



1 Channel Controller



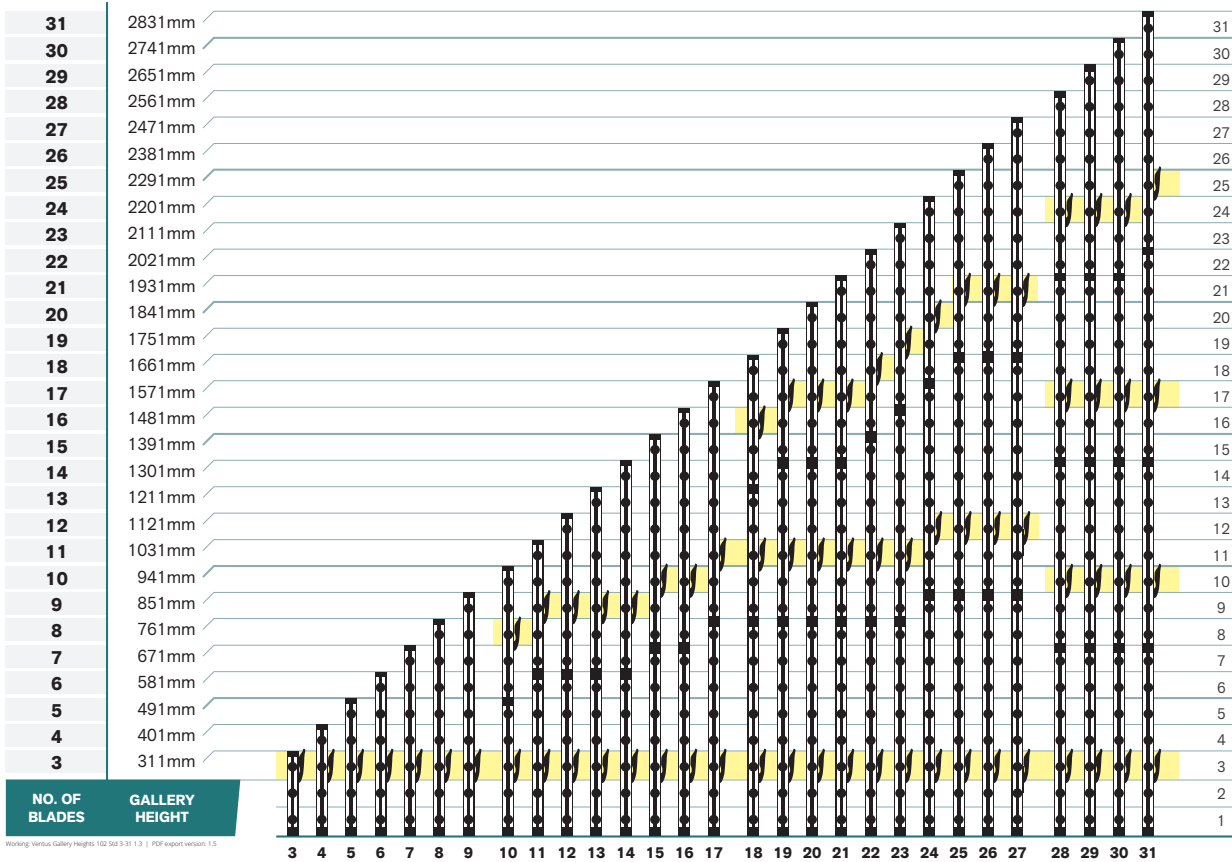
2 Pin Plugs
(Power and Motors)



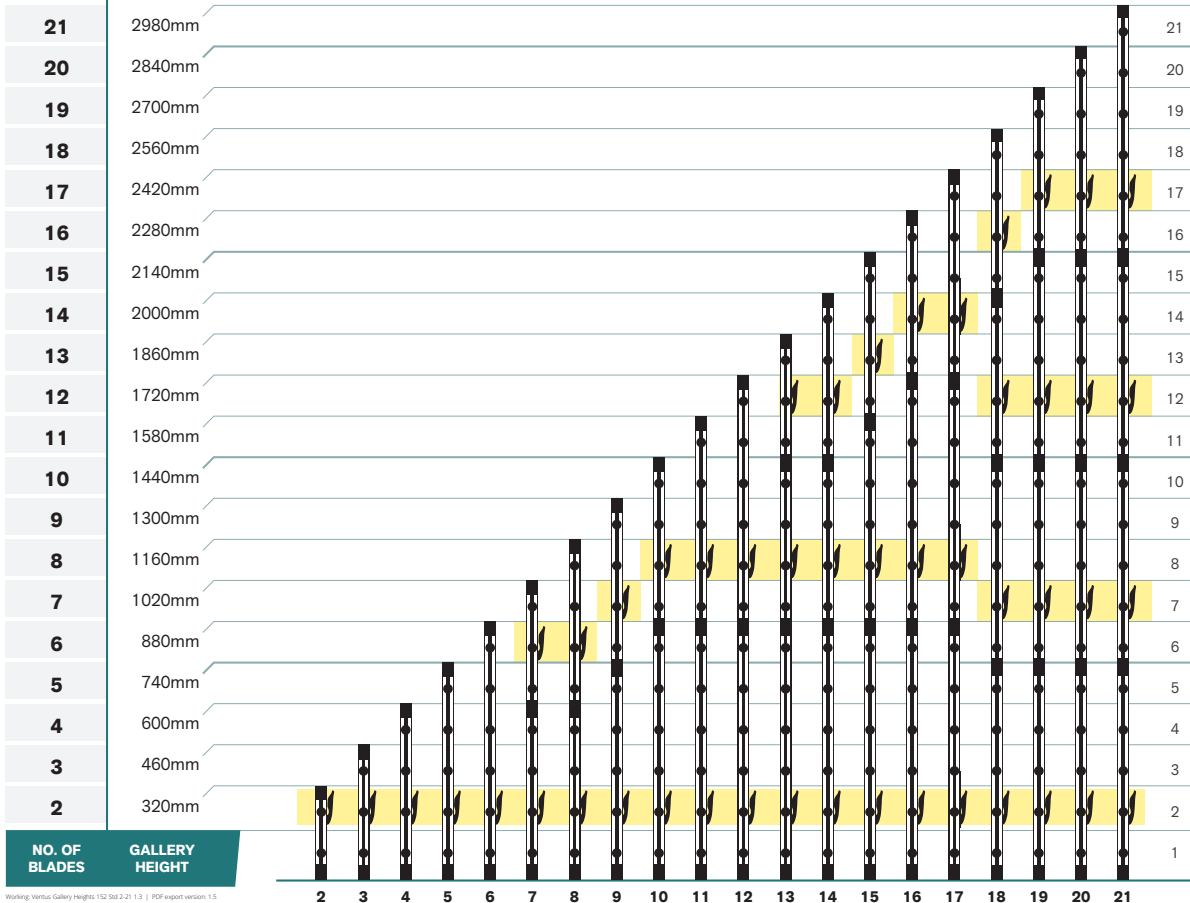
4 Pin Plugs
(Accessories)

GALLERY HEIGHTS & HANDLE LOCATION

VENTUS LOUVRE GALLERY - 102mm SERIES



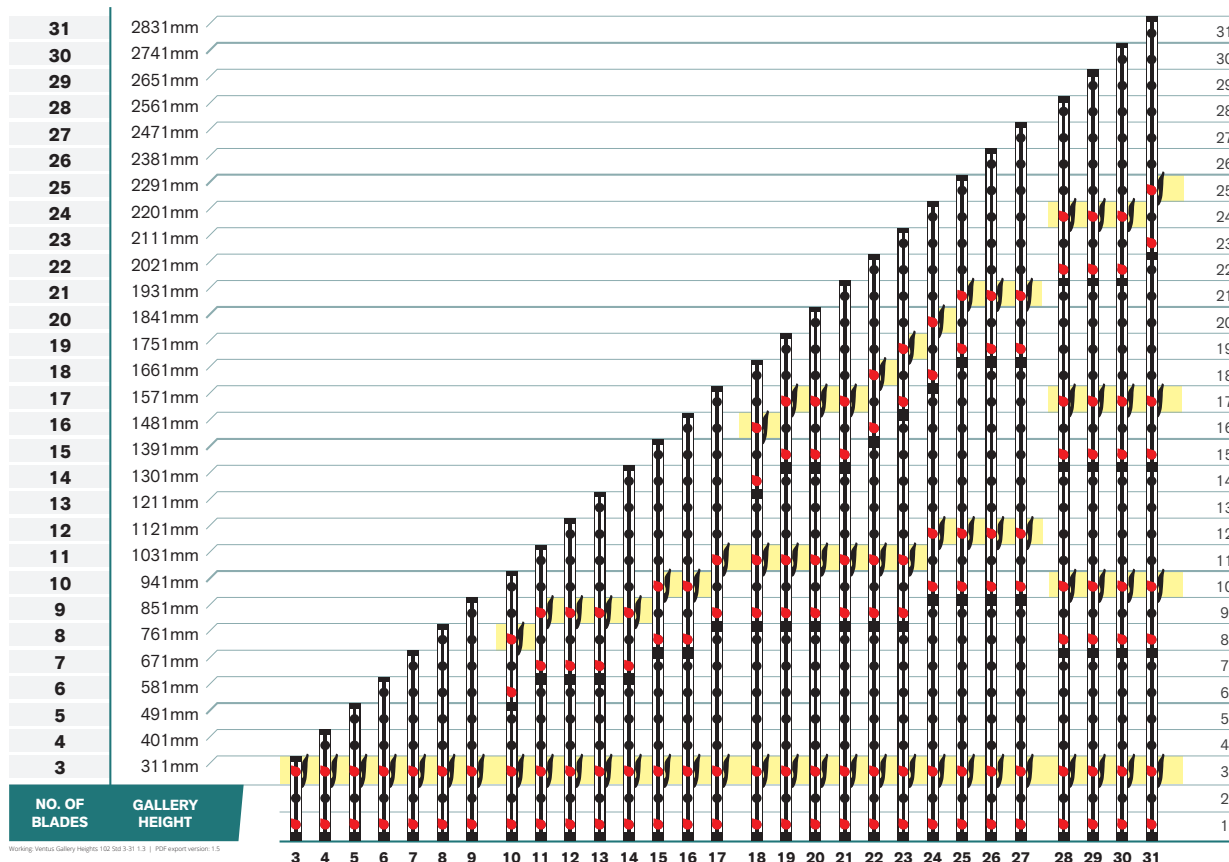
VENTUS LOUVRE GALLERY - 152mm SERIES



GALLERY HEIGHTS & HANDLE LOCATION

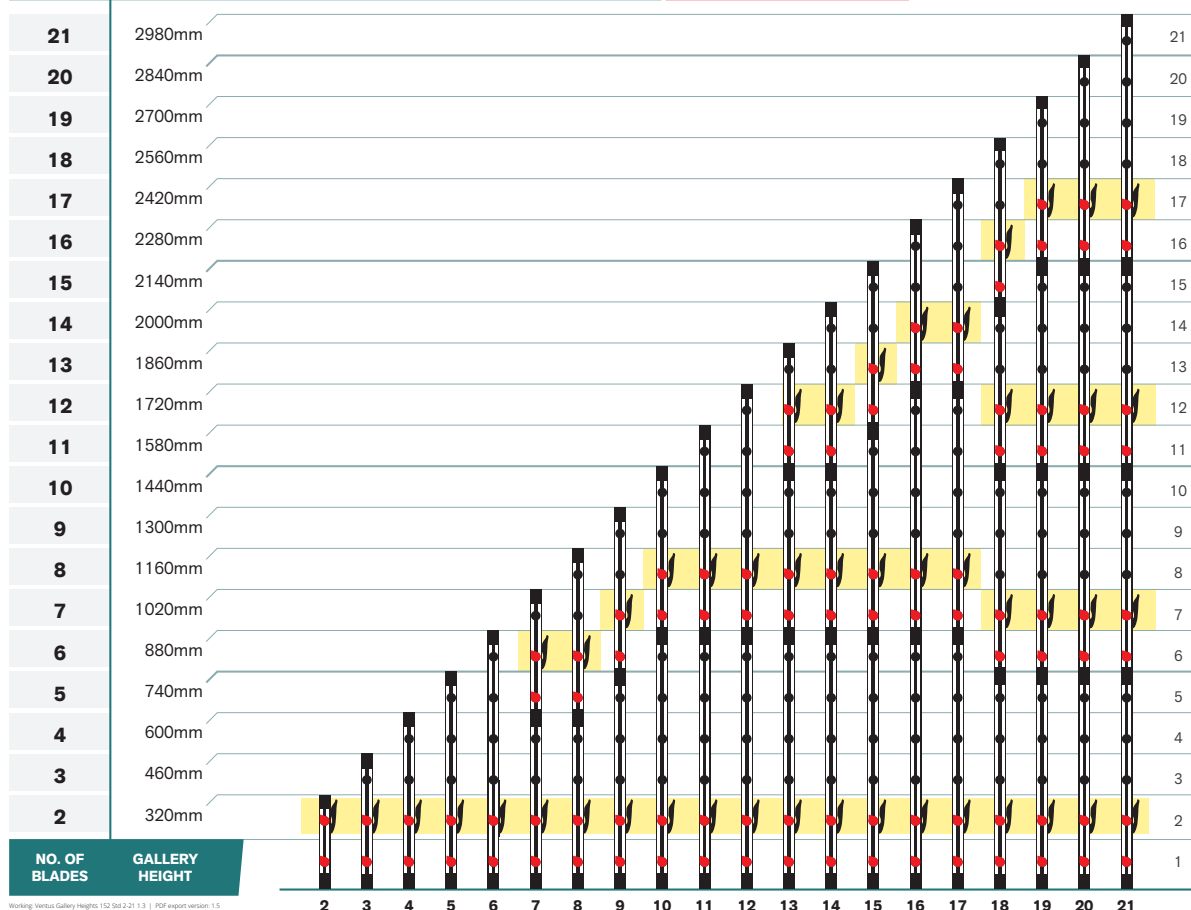
VENTUS LOUVRE GALLERY - 102mm SERIES

RESTRICTED



VENTUS LOUVRE GALLERY - 152mm SERIES

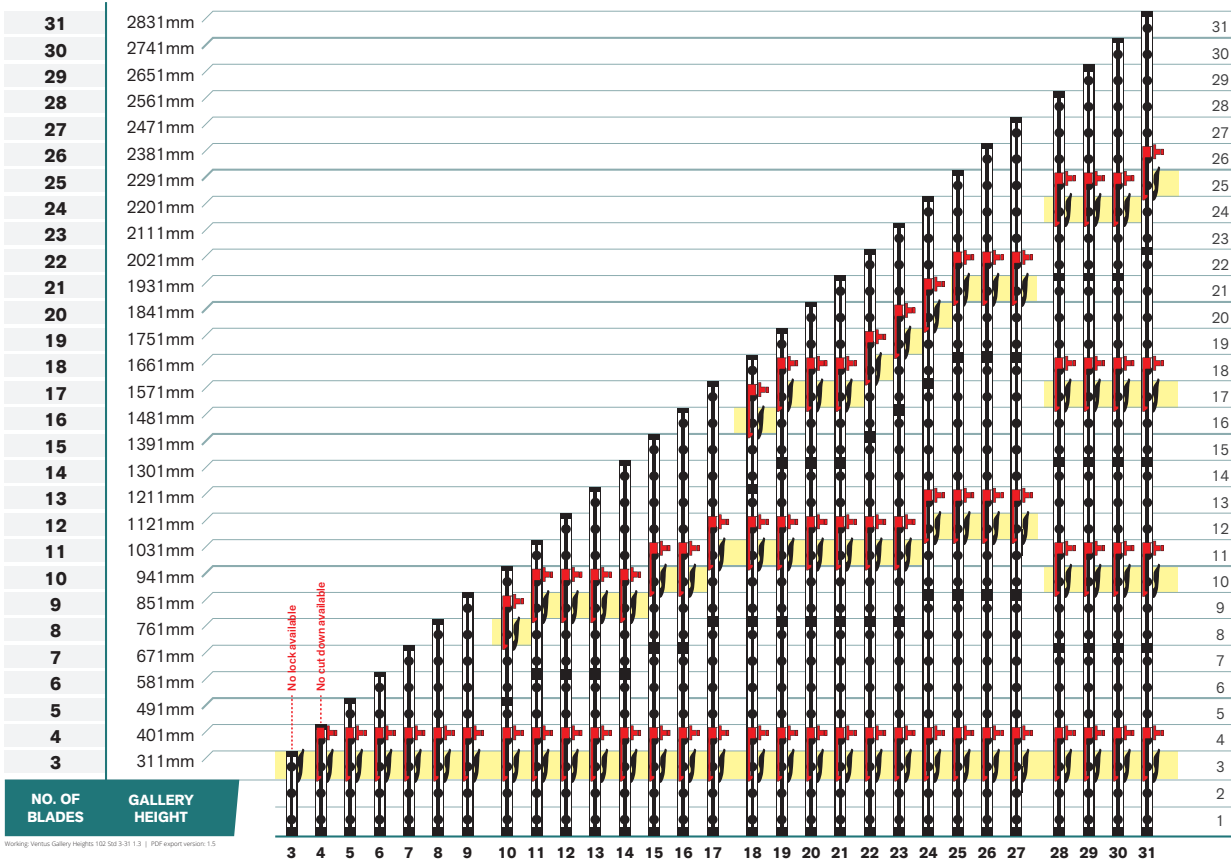
RESTRICTED



GALLERY HEIGHTS & HANDLE LOCATION

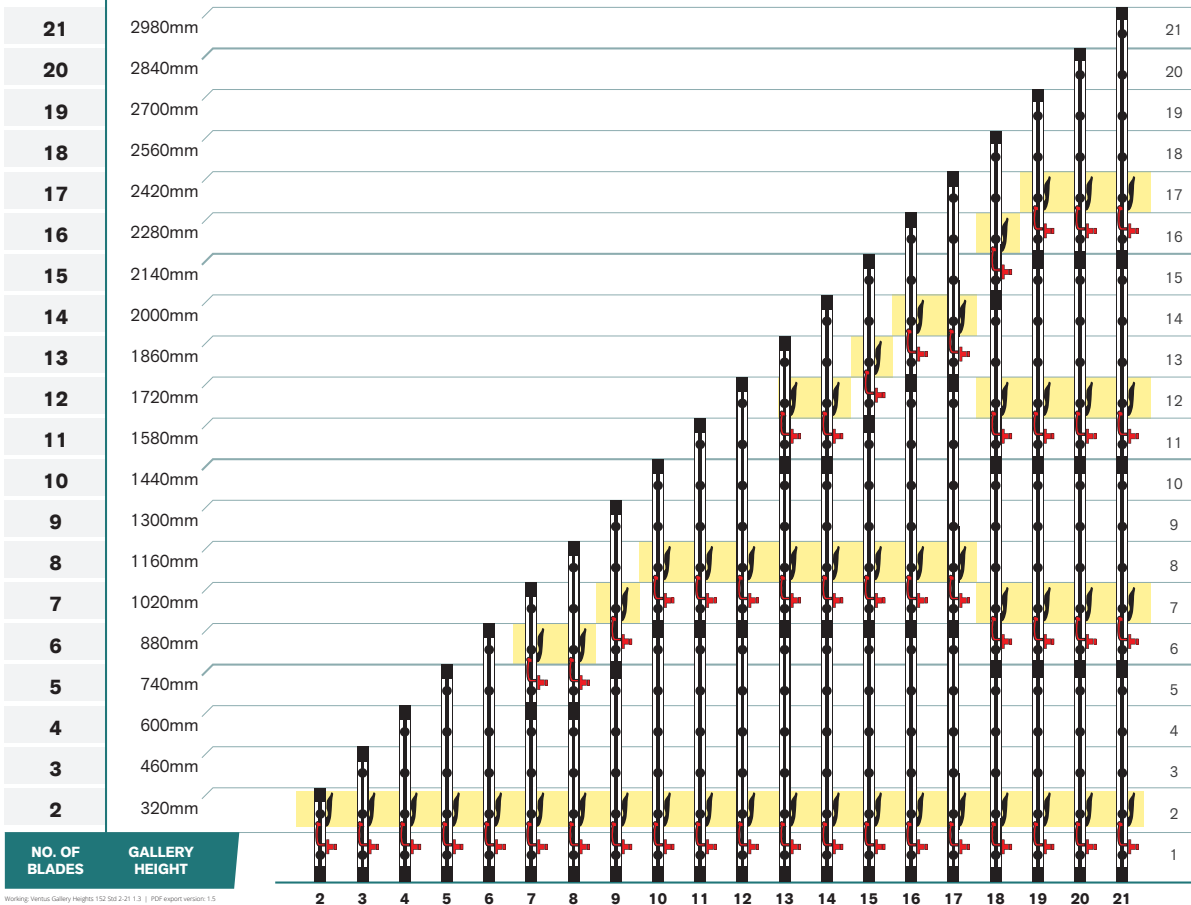
VENTUS LOUVRE GALLERY - 102mm SERIES

WITH LOUVRE LOC



VENTUS LOUVRE GALLERY - 152mm SERIES

WITH LOUVRE LOC

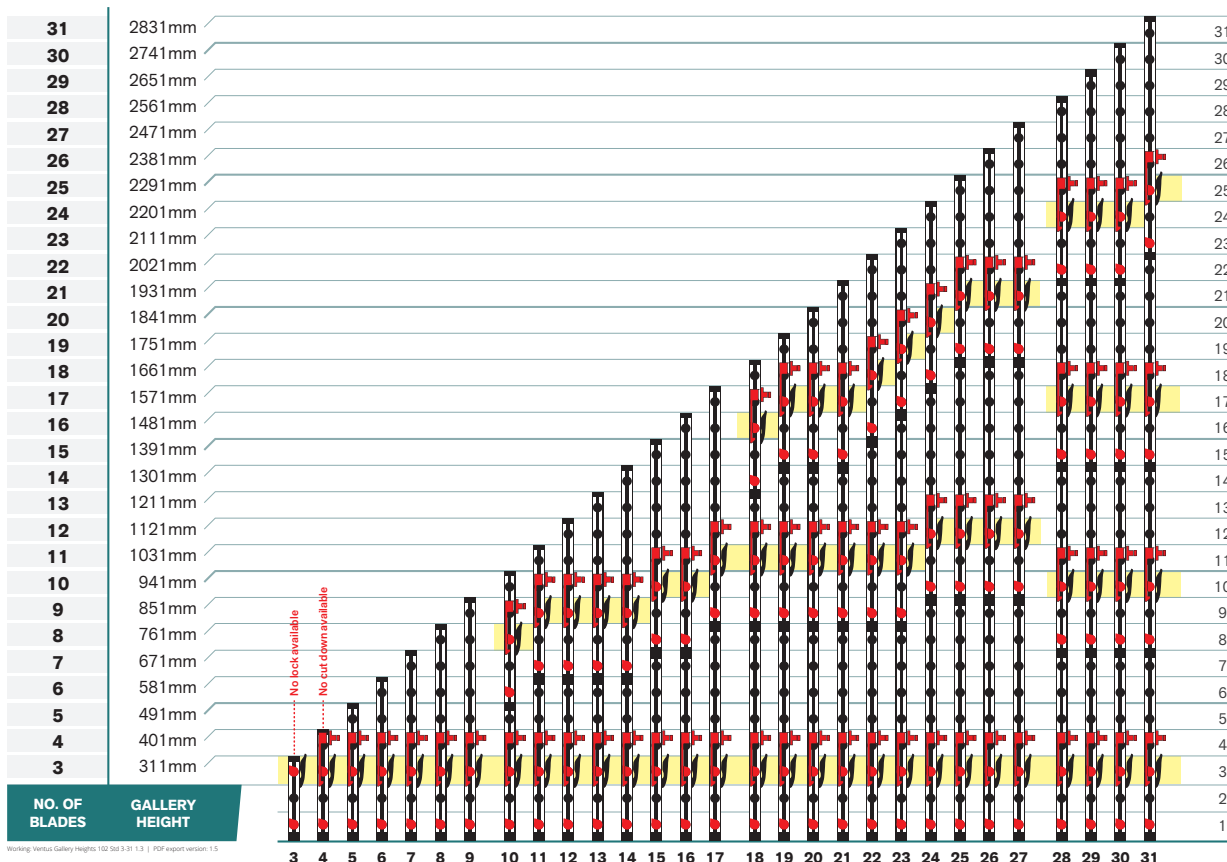


GALLERY HEIGHTS & HANDLE LOCATION

VENTUS LOUVRE GALLERY - 102mm SERIES

RESTRICTED

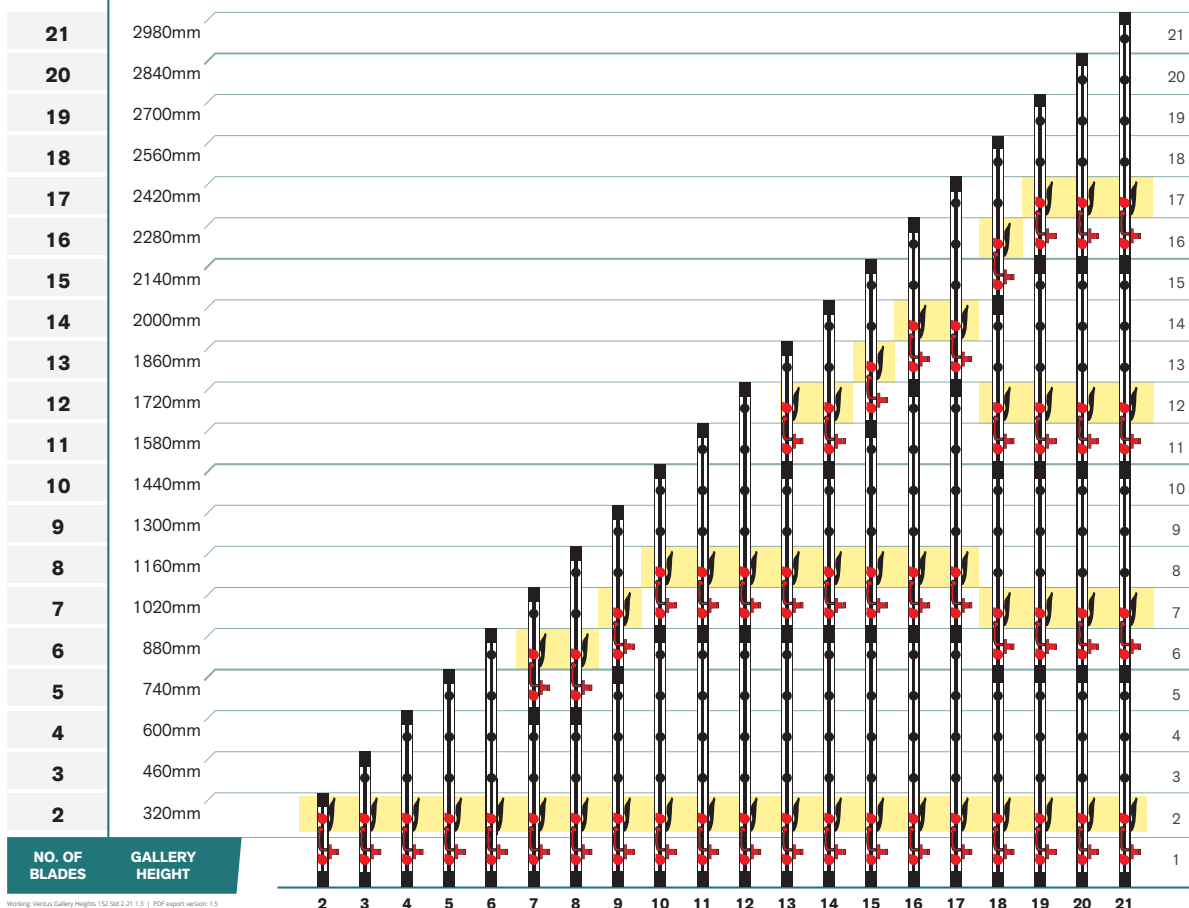
WITH LOUVRE LOC®



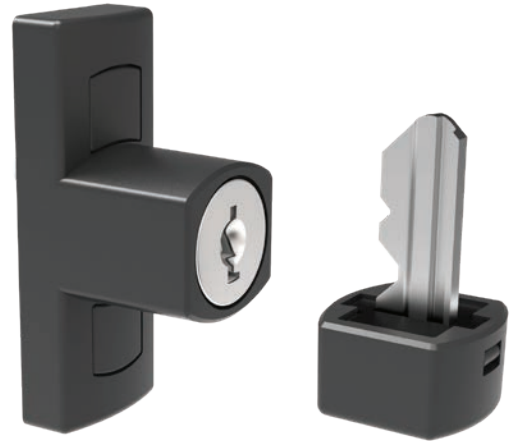
VENTUS LOUVRE GALLERY - 152mm SERIES

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.



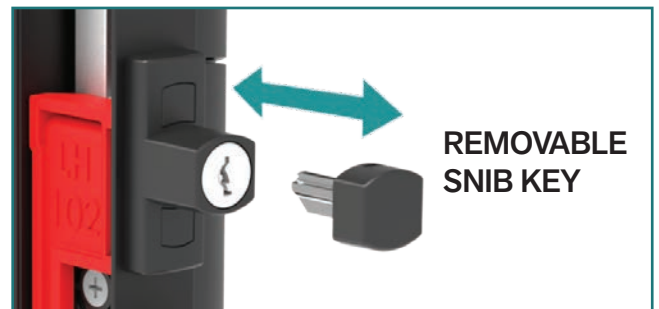
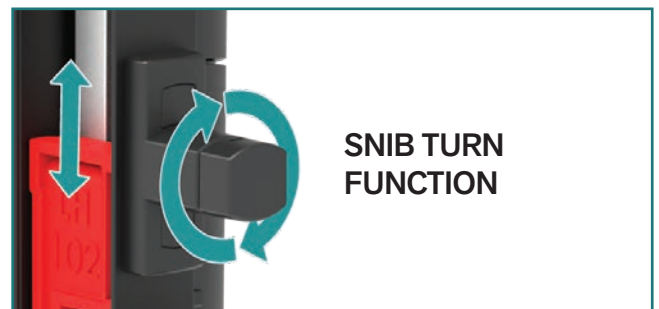
Key Compatibility - Operates with Snib Key or Doric C4 key profile.



Smart innovative design - An Australian design lead by Dorics R&D team assuring the highest quality and standards.



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



COLOUR OPTIONS



Black



Silver



White



Monument

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:

- Standard
- Low Profile



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:

- Standard
- Ring Pull
- Low Profile
- Dual Handle



GALLERY CLOSED
LOCKED POSITION
SNIB KEY IN



GALLERY CLOSED
UNLOCKED POSITION
SNIB KEY OUT



GALLERY OPEN
UNLOCKED POSITION
SNIB KEY IN



VENTUS | AUTOMATED LOUVRE GALLERIES

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

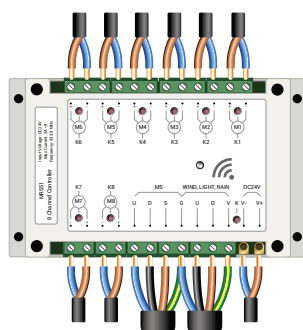
Auto Louvre hardware is a control option available for Ventus Louvre Galleries. It's an easy to install 24V DC 'Plug & Play' system that does not require an electrician for simplicity and reliability.

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

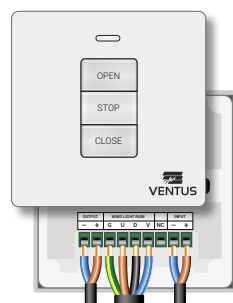
PLUG&PLAY SYSTEM

The Doric Ventus '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.



8 Channel Controller



1 Channel Controller



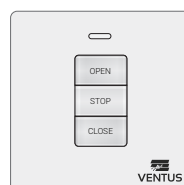
2 Pin Plugs
Power and Motors



4 Pin Plugs
Accessories

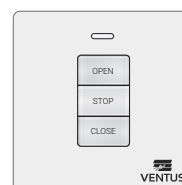
REMOTES & CONTROLS

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



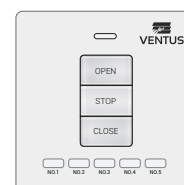
MS541

Wired
wall mounted
switch



WT211

1-Channel
wireless
wall mounted
switch



WT215

5-Channel
wireless
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



COLOUR OPTIONS

(Gallery Channel and Blade Clips only, excludes glass)



Satin Black

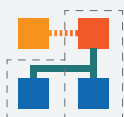
Pearl White

Silver

Custom
(on request)

**IP32
RATED**

When installed according
to installation instructions

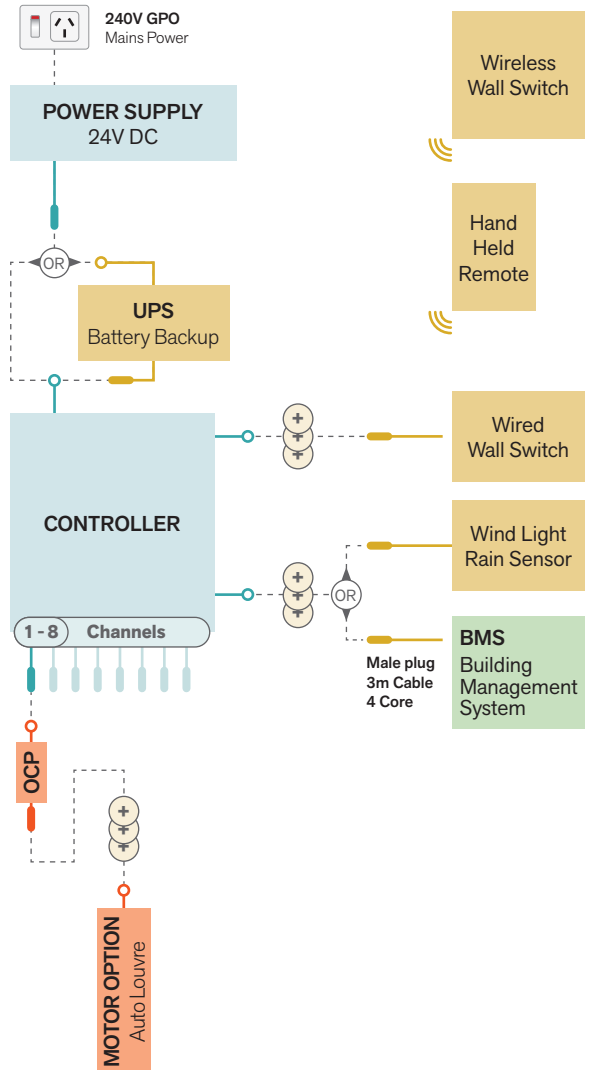


**OPERATES ON ALL
BMS & C-BUS**



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



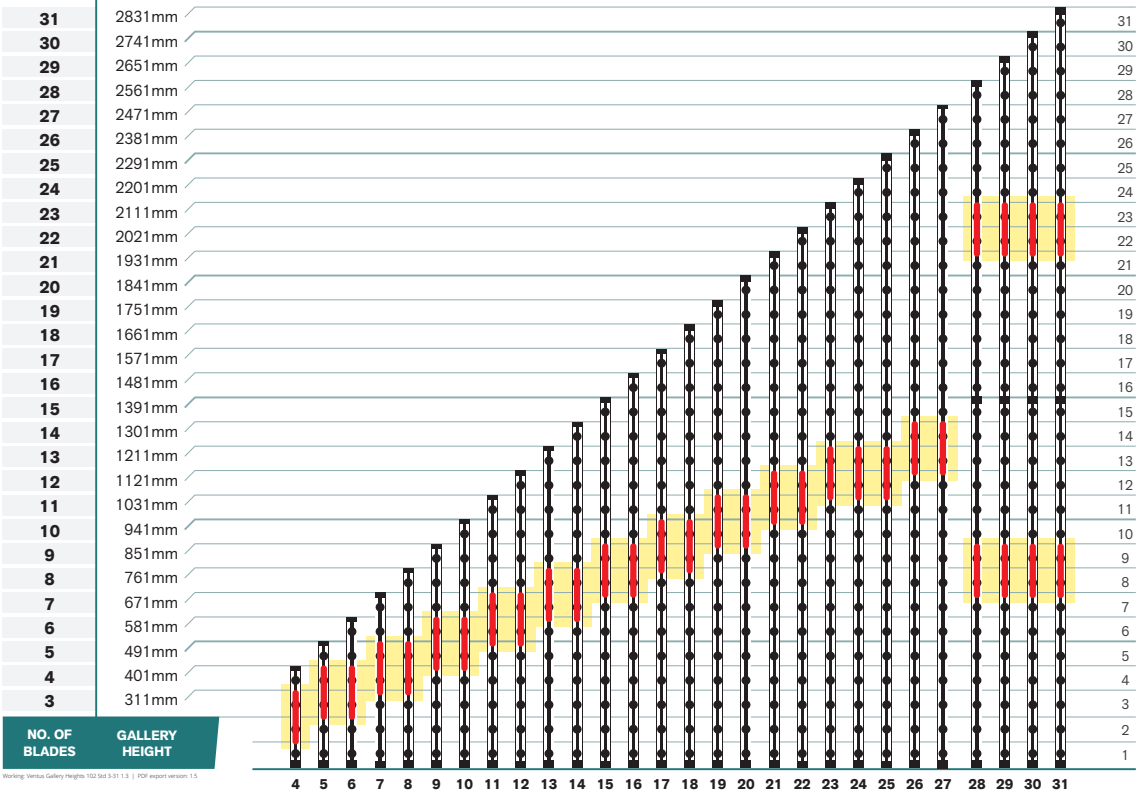
AVAILABLE CHANNELS
Repeat wiring per available channel as required

IMPORTANT:

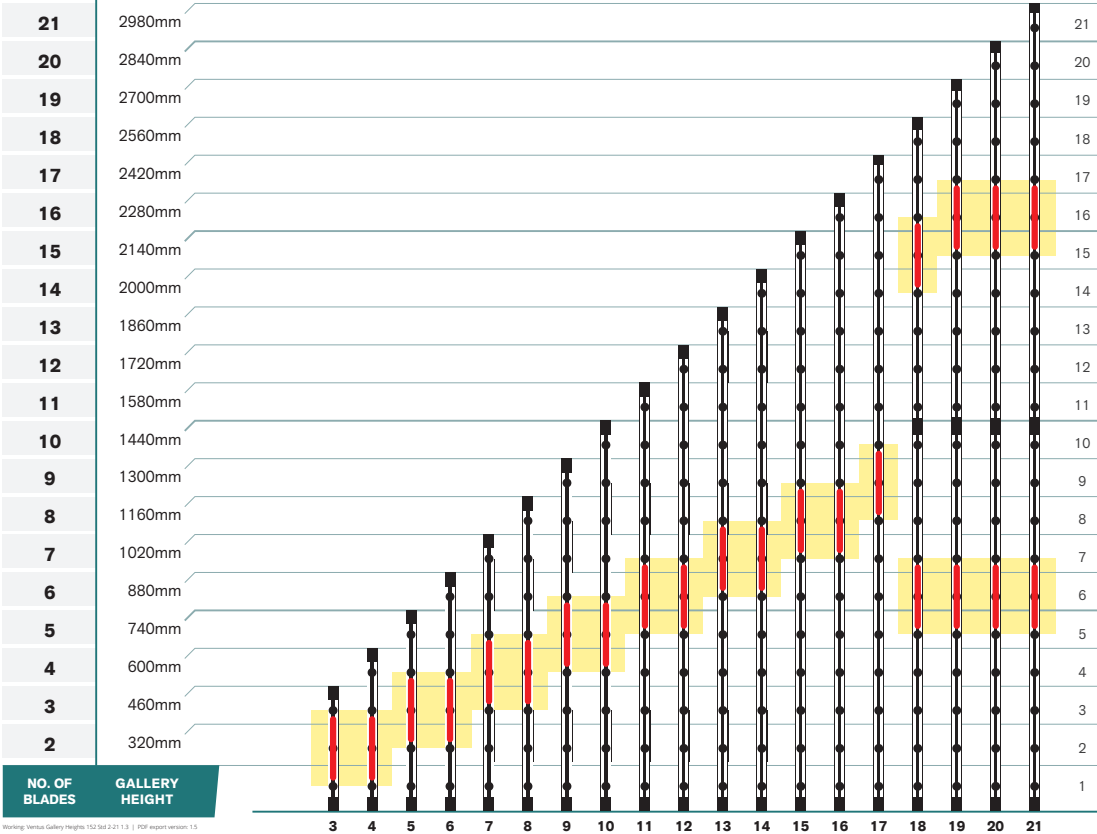
- System and Motors operate on 24V DC
- Repeat wiring for each channel/gallery as required
- Comprehensive electrical drawings and component lists are available on the Doric website

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

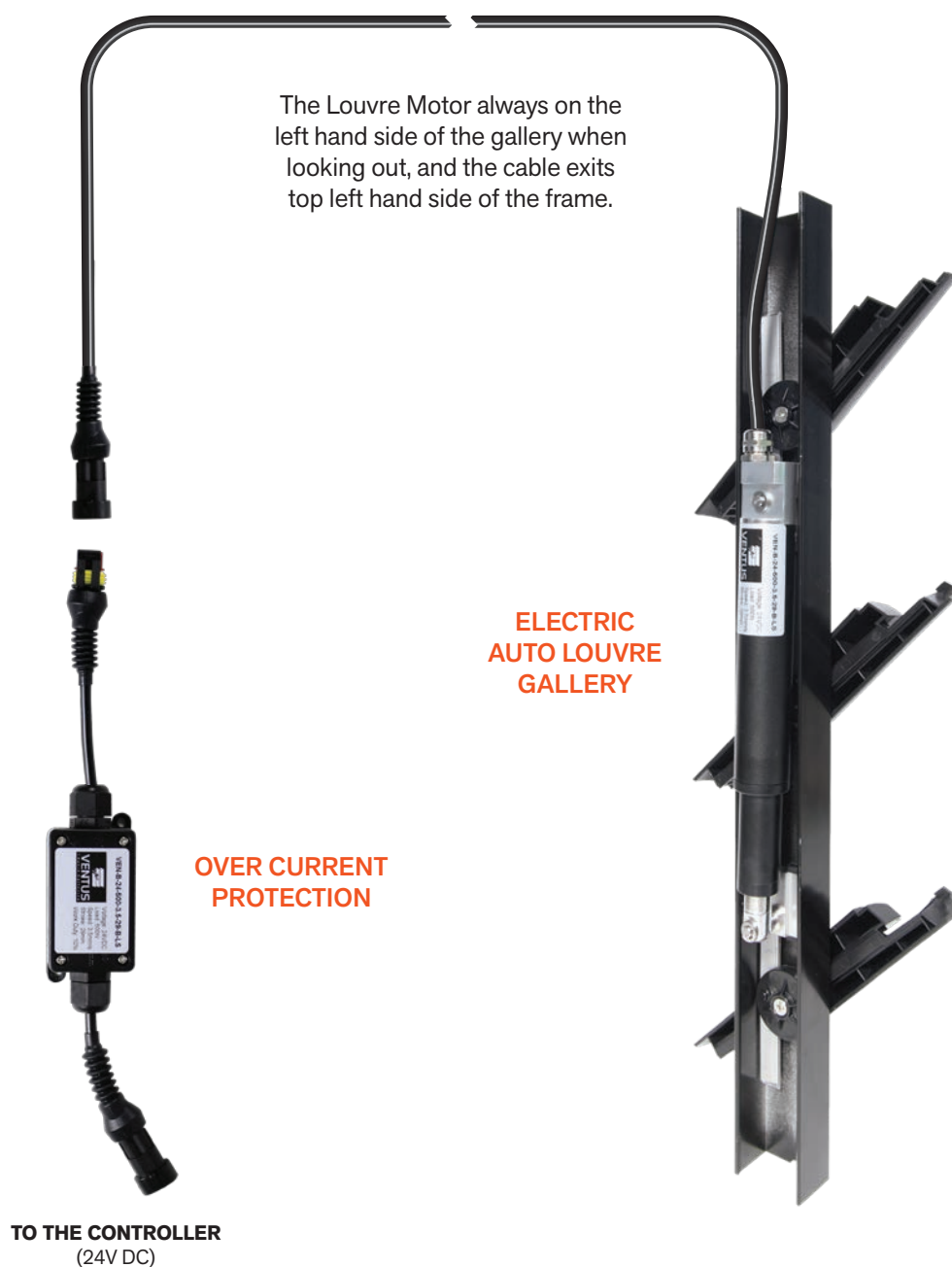
AUTO LOUVRE & OCP

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 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

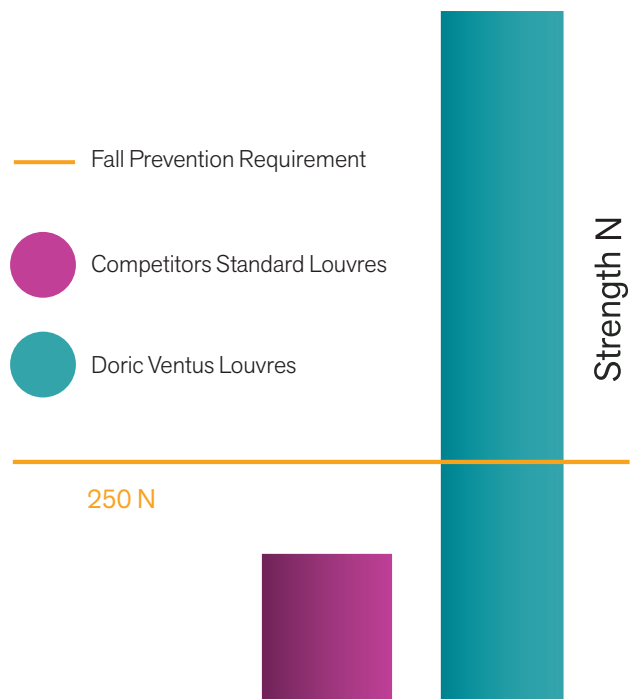
Ventus louvres have been tested to exceed requirements as stated by the BCA in both Fall Prevention and Blade Retention. Testing proved that a sphere of 125mm will not pass through the louvre when a horizontal outward force of 250N is applied. Restricted louvres with blades of up to 850mm are achieved 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.

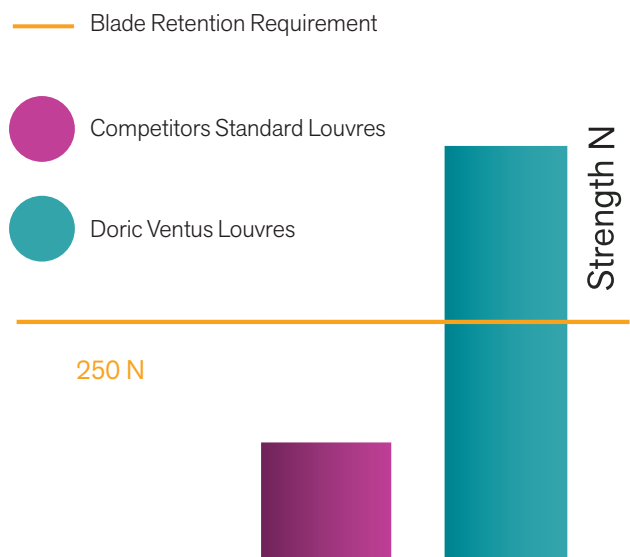
Testing proves that a 125mm sphere will not pass through the louvre when a horizontal outward force of 250N is applied.

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





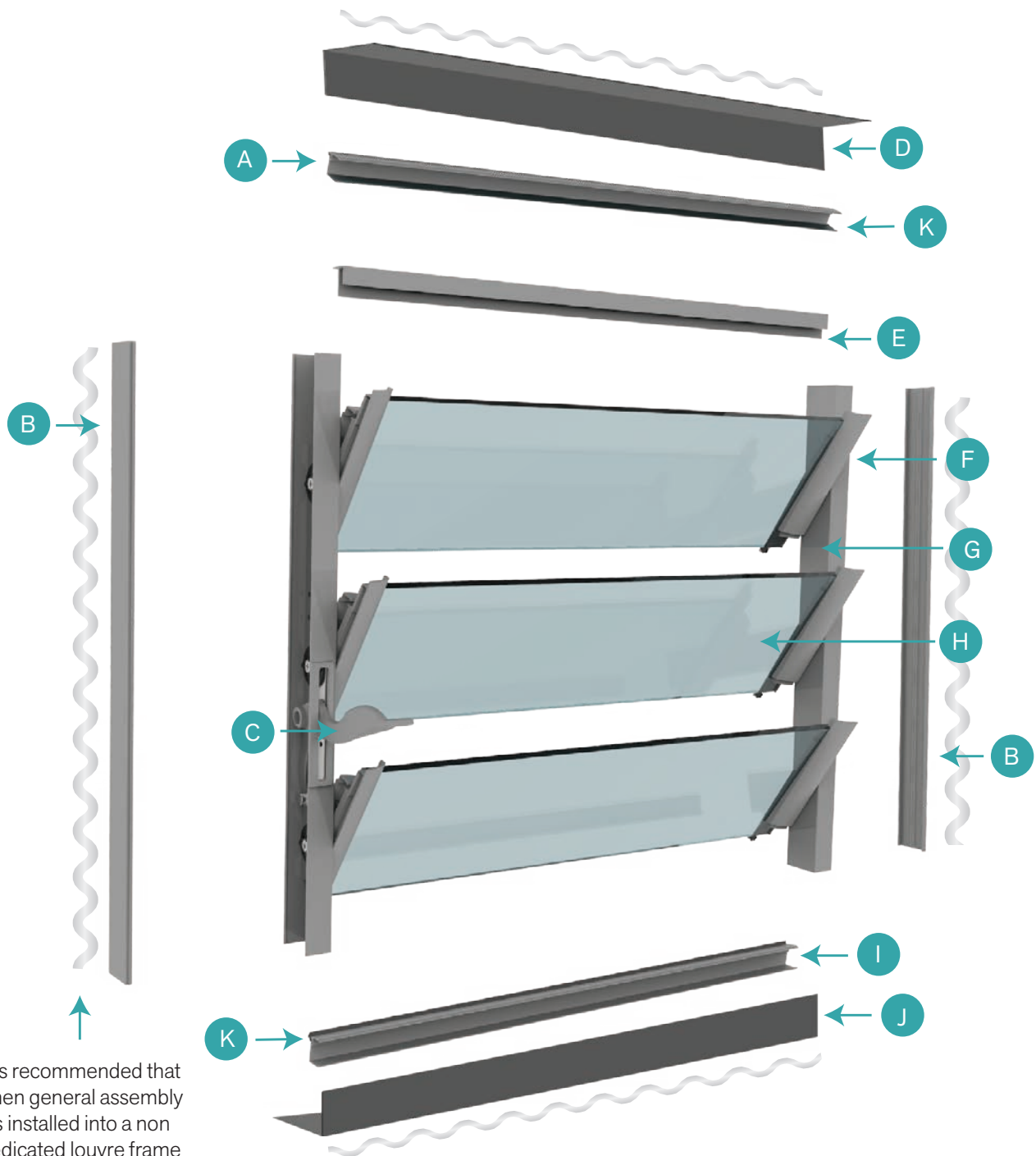
DO WE STAND UP TO THE ELEMENTS?

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).





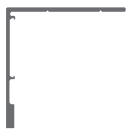




GENERAL RETROFIT ASSEMBLY



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

- 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 NUMBERS

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 9049767	Rubber Louvre Seal Roll - 250m 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

FIXED BLADE DEDUCTIONS

FOR NON STANDARD HEIGHT

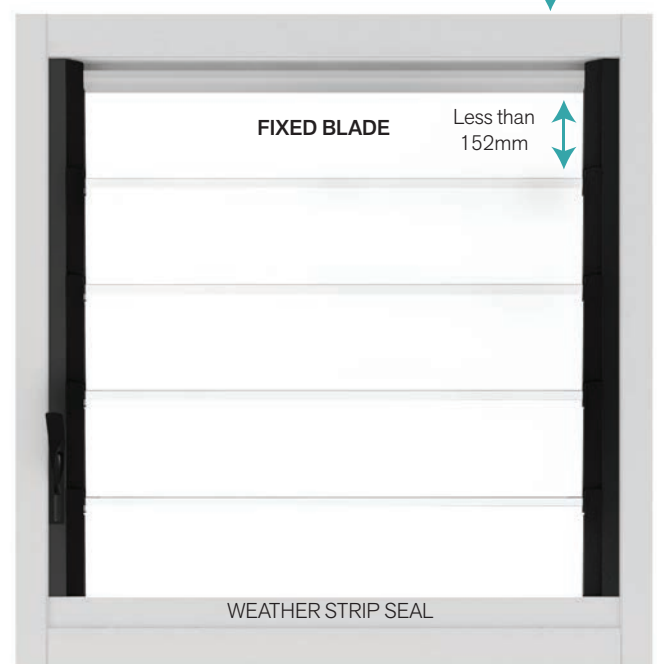
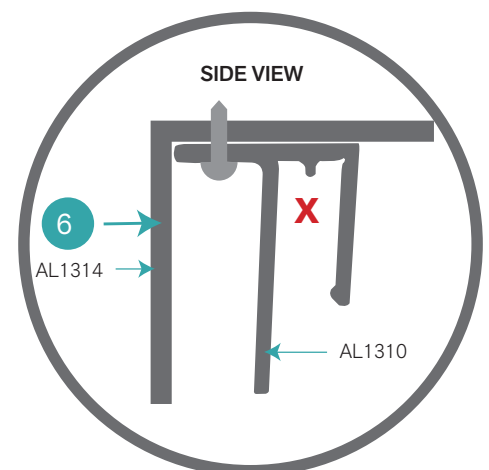
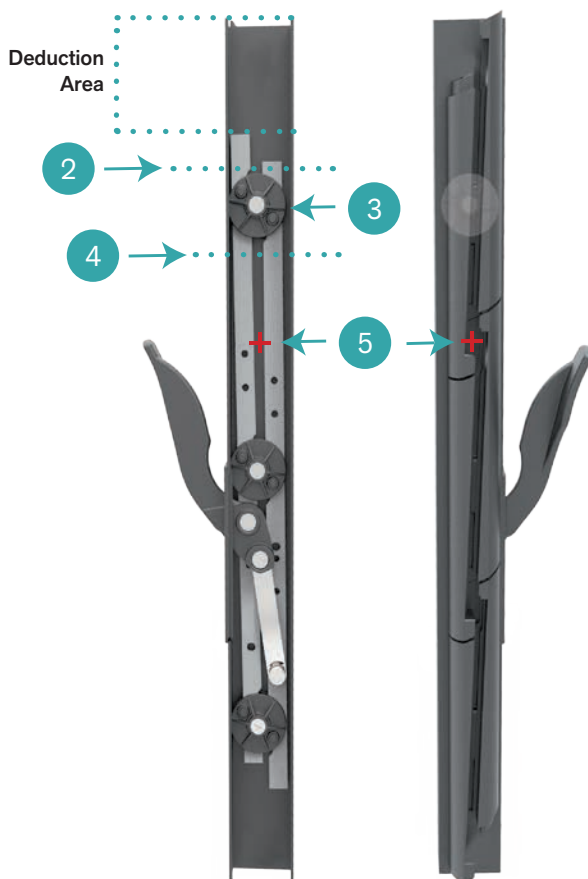
A fixed blade is used when the height of the opening is smaller than that of a standard gallery height.

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"



|(Deduction minus 5mm from internal width)|

INNOVATORS

OF HARDWARE FOR WINDOWS AND DOORS

VENTUS_LOUVRE_GALLERIES_2021 v1.4 - 21.10.2021

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**ALCHIN
LONG
GROUP**



LOUVRE
GALLERIES