



# LOUVRE WINDOW



## **Aero Louvre** Innovative Modern Louvre Window

Aero Louvre Windows are a versatile, stylish choice of window that will enhance the look and feel of your home.

Louvre windows allow you to control the amount of air flow into the home. Louvre windows support passive home cooling by encouraging cross ventilation improving comfort and saving on energy costs.

Aero Louvre windows can be opened in light wet conditions letting fresh air in but not the rain.

By installing Aero Louvre windows, you will create fresh natural living spaces with a modern look which are waterproof and safe to operate.

The Aero Louvre is made of modern low maintenance materials that will not rust and does not leak. The glass blade holder is made of Uv resistant plastic that is strong and easy to keep clean. The stylish curved design helps deflect water away from the inside of the window, forming a weather tight seal.

The ergonomically designed handle incorporates modern curved lines that effortlessly opens and closes the window. Aero Louvres are available with an optional specially designed handle that allows operation of the louvre in high or difficult to reach locations.

Keeping unwanted insects out of the home is no longer a problem with the Aero framing system. The purpose designed low maintenance framing system incorporates a specially designed insect screen that allows you to fully open the window letting in fresh air, not insects.

Aero Louvres are a stylish and secure window option for the modern home, offering strength, durability and security.

Fully opened, they promote passive cooling of the home, fully closed they form a waterproof seal. The Aero Louvre window provides the ultimate in, ventilation vision and design flexibility.



# Aero Framing

## Framing System Features

### Aluminium Framing System

- 101.6mm frame Aluminium frame available in a range of popular powder coat and anodised finishes.
- Waterproof seal that stops air and water entering the home in stormy conditions.
- Integrated insect and security screens keeping the family safe from unwanted intruders.

### Performance

- Designed and Tested to comply with Australian standards for performance AS2047 Windows in Buildings.

### Fall Prevention

- Aero Louvre's have been tested for compliance with Australia's stringent requirements for elevated glazing and in accordance with AS5203.

### Durability

- The Aero Louvre gallery is manufacture using corrosion resistant aluminium, stainless steel and UV stabilised plastics that have been UV salt spray tested to 1000hrs and operation test to 50,000 cycles.

### Strength

- Heavy duty operating mechanism is engineered from Aluminium components to offer superior strength and corrosion resistant.

### Security

- Key locks, safety bars and security screens options are available on the Aero Framing System.

### Design Flexibility

- Aero Louvre Windows offer a wide choice of custom frame options and handle options providing greater design flexibility.

# Designed to Protect



What sets the Aero Louvre apart from competitors is that combined with the Aero Framing system the window not only protects from adverse weather it has been specifically engineered to prevent glass blades becoming loose and falling from the building.

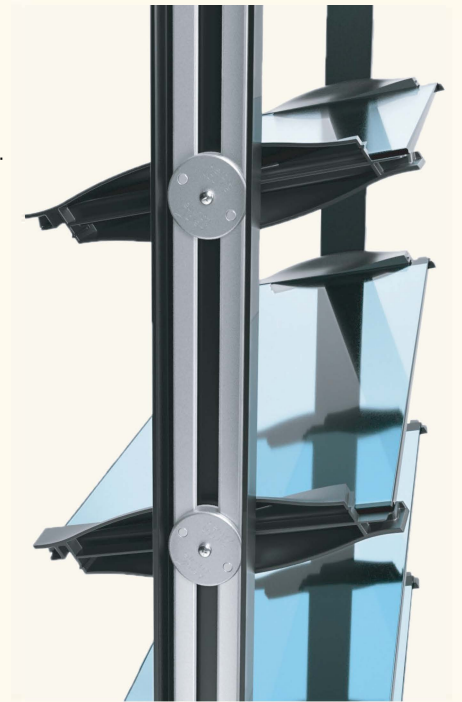
A unique feature is that the window can be customised to stop the window fully opening, preventing objects or even small children falling from the building. We achieve this important safety feature by inserting a special disc in the back of the Louvre that restricts blade opening angle.

Aero Louvre window configurations conform to the tough Australian Fall Prevention standard, AS5203.

Fall prevention compliance makes the Aero Louvre suitable for installations on high or second story windows, multi-level developments, or for balcony and swimming pool enclosures.

The Aero Window System can be supplied with an optional integrated security bar system that unlike traditional security bars are more discrete and do not interfere with screens or operation of the window. If you don't like the idea of old style security bars, Aero can be supplied with modern stainless steel security screens that do not spoil the view, allows air to flow effortlessly keeping unwanted insects and would be intruders out.

Our unique protection features make Aero a complete window system that creates a safe window opening offering maximum air flow.



## Framing Options

### 101.6mm Framing System

The Aero Louvre system has been purposely designed to provide a total solution for all residential and commercial Louvre windows including fixed lite options.

Aero framing is compatible with SMS Building Systems Homelife residential window and door systems offering seamless integration when multiple window and door combinations are required.

Our unique Weather Bar and Louvre Fixing Adapter allows the Aero Louvre gallery to be incorporated in most popular window and door systems.

The Aero framing system is designed so as to offer a variety of external security and insect screen options.

## Screening Options

### Stainless Steel Security Screen

Stainless steel security screens replace conventional insect screen mesh with powder coated 304 grade stainless steel mesh.

The stainless steel mesh not only offers protection from insects but is the perfect barrier for would be intruders.

Combined with the Aero framing system this is the ultimate in security for Louvre windows, providing fresh air with unobstructed views.

Place of mind for you and the family.

### Window Fall Prevent

Our unique "Fall Prevention" stainless steel screening option is designed to prevent children falling from operable windows. Available in our 304 grade stainless steel mesh, the screen meets and exceed the required building construction standards for fall prevention without compromising the look of the window.

### Standard Insect screen

For general insect screening we have developed a special Aluminium profile for use with 152mm Louvre's that allows the window to fully open without interfering with the screen.

Commonly available screen profile can be used with the Aero 102mm louvre gallery.



## Standard Handle

The Standard Handle is best used for easy-to-reach applications.

This ergonomically design handle is the most popular choice for opening and closing the Louvre window.

The handle is a modern alternative to traditional Louvre operators. The aero handle is aesthetically pleasing and closes the blades tight to prevent water and air entering the room.

The low maintenance lever action handle is fast and easy to operate, unlike winder or galvanized handles the aero handle will not rust or get stick when operating.

## Ring Pull Handle

The Ring Pull Handle is best used for difficult to access applications such as above doors, high-lite windows or in installations if the handle is 2.1m or more above floor level.

The handle is supplied with a hole "ring" that allows a variety of hook devices mounted on a pole to latch on to the handle allowing the window to be opened and closed easily and safely.

The Ring Pull handle is a safe modern concept that is aesthetically pleasing that eliminates the need to stand on chairs or ladders to access windows in difficult to reach locations.

## Key Lock

Aero Louvres can be fitted with an key lock providing extra protection to your home. The key lock is easily operated by being pushed to lock, and twisted to unlock.

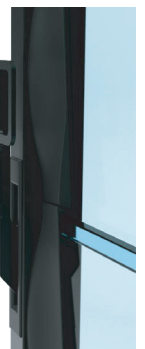
The lock is installed on the non-active side of the louvre window (opposite side of the handle). If key locking is required, this option must be specified at the time of ordering.

## Design Consideration

Careful consideration should be given to handle position of the Louvre widow to ensure easy access and operation.

Designers should take in to account location of the window, positioning of furniture, so that handles are easily accessible in high locations and that they do not obstruct passageways, eliminating potential injury to people walking by.

Louvre windows are generally supplied with the handle positioned on the left side of the window (viewed from inside). Handles can in installed on the right side of the window but must be specified upon ordering.





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