

Simple to specify

Practical and convenient

The sash rotates fully on the outside of the building, so does not collide with or damage window blinds, curtains or internal window displays.

Safe, controlled operation

Every year 4,000 children under the age of 15 are injured falling from windows*. To prevent individuals, often children, from falling from the open window and sustaining serious injury, the Yale Revolution Window Hinge has been designed with a patented integral key-lockable safety restrictor. This allows the opening of the sash window to be controlled and performed only by a parent, guardian or warden.

User friendly, safe and easy to clean

The sash rotates fully to enable residents to clean both sides of the window from within the safety and comfort of their home. This reduces the risk of anyone accidentally falling during the cleaning process. The sash can be key-locked in this position preventing accidental operation.

On high-rise properties, this function can also help to reduce the cost of cleaning, which often involves the use of industrial cleaning equipment, safety cradles and harnesses.

Performance

- 80kg maximum weight capacity
- 27 module sizes to accommodate sash heights ranging from approximately 340mm to 1850mm
- Tested to BS EN 1670 Grade 4 (240 hours NSS)
- Tested to BS6375 Part 2 (Classification EN12400) Class 3 - 20,000 cycles
- 10 year mechanical guarantee
- Quick and easy to install. Full technical guides are available for individual profile designs



Fire egress

The Yale Revolution Window Hinge includes a range of sizes that can provide an excellent means of escape in case of a fire or other emergency.

Anti-blow back/easy close

The Yale Revolution Window Hinge has dual closing functions, both of which provide restriction and ventilation positions. As supplied, the product will hold the sash in these positions when under wind load, requiring the end user to press the sash release lever to close the window. Alternatively, the sash release lever can be reconfigured to allow the sash to be easily closed without end user interaction.

Security

Accessories are available to enable specific window manufacturers to achieve PAS24 on their Yale Revolution Window Hinge.

* Royal Society for the Prevention of Accidents website; Home safety facts and figures <http://www.rospa.com/home-safety/advice/general/facts-and-figures>

Meets industry standards

The Yale Revolution Window Hinge has been tested successfully under the following window hardware standards:



BS6375 Part 1: Weathertightness

Classification and guidance on the exposure categories related to test pressure levels for air permeability, watertightness and wind resistance for external windows and doors.



BS6375 Part 2: Operation and strength

Classification and guidance on performance requirements for the operation and strength of manually operated windows and internal/external pedestrian doorsets in their fully finished condition.



BS EN 14351 Part 1: Performance characteristics

Classification and guidance on performance characteristics on windows and external pedestrian doorsets without resistance to fire and/or smoke leakage.



PAS24: Enhanced security of whole windows and doors

Classification and guidance on enhanced security performance requirements for doorsets and windows in the UK. External doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk. Required for compliance with ADQ on new builds.



BS8213 Part 1: Safety in use and cleaning of windows

Code of practice for the design, construction, operation and maintenance of windows, including door height windows, for safety in use and during cleaning, including safe opening characteristics and the arrangement of window controls, to safeguard occupants and passers-by.

*Patent pending.

THE YALE BRAND, with its unparalleled global reach and range of products, reassures more people in more countries than any other consumer locking solution.

THE ASSA ABLOY GROUP is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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Due to a continuous programme of development the company reserves the right to make alterations without notice. (Products which are not a stocked item will be subject to a longer lead time which needs to be agreed with your Yale representative).

ASSA ABLOY



The Yale Revolution Window Hinge

- Patented* configurable dual closing function
- Anti-blow back
- Easy close
- Unique key-lockable safety restrictor
- Safe opening and cleaning



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ASSA ABLOY

Safe and secure solutions

The Yale Revolution Window Hinge is the ideal choice for reversible residential and commercial upper floor windows.

Its user-friendly design allows the window to rotate fully, enabling the homeowner or occupier to easily clean both sides of the glass from within the comfort and safety of the building.

This removes the risks of over-stretching, or falling from a ladder when cleaning from the outside.

One product line that uniquely allows for on-site configuration to meet end user requirements.



- Unrivalled functionality
- Easy to operate
- Simple to specify
- Meets industry standards

Unrivalled functionality

ANTI-BLOW BACK
Product as supplied will hold the sash in the set restricted positions when under wind load.



EASY CLOSE
Product function can be changed by reconfiguration of the sash release lever to allow the sash to be easily closed without end user interaction.



KEY LOCKABLE
Key-lockable safety restrictor which prevents accidental operation.



FUNCTION 1



FUNCTION 2



Easy to operate

**POSITION 1
SAFETY POSITION**

Open the window to the first restricted position. The sash can be locked in position by inserting the safety key and rotating 90 degrees, which ensures the sash cannot be opened or closed further.



**POSITION 2
OUTER VENTILATION**

Press the sash release lever² whilst pushing the window to the outer ventilation position. This provides increased ventilation or allows unwanted fumes, odours or heat to escape. If required, re-engage the sash lock to activate the safety feature.

² If the sash is locked in the safety position, insert key and rotate 90 degrees before pressing the sash release lever.



**POSITION 3
WASH POSITION**

Press the sash release lever and push the window open until it engages into the wash position.

The sash can be locked in position by inserting the key and rotating 90 degrees, which ensures the sash cannot be opened or closed further.



**POSITION 4
CLOSING WINDOWS**

FUNCTION 1
Press the sash release lever² and reverse the window through the outer ventilation and safety positions, pressing the sash release lever at each stage until fully closed.

FUNCTION 2
Reverse the window through the outer ventilation and safety positions without the need to press the sash release lever at any stage.

² If the sash is locked in the safety position, insert key and rotate 90 degrees before pressing the sash release lever.

