



**Designer Series | Series 613**  
**MAGNUM™ Double Hung Window**

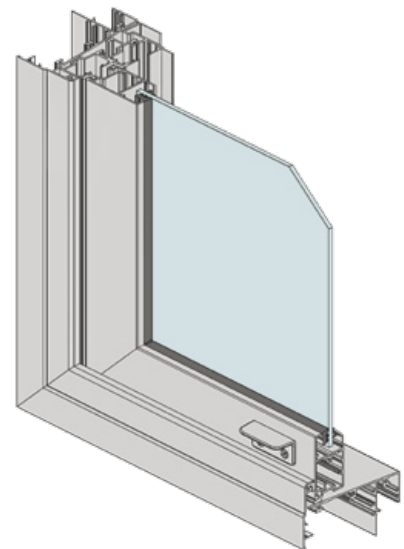


**Overview**

The Series 613 Double Hung mirrors the appearance of traditional double hung windows, with bold sash profiles. Both sashes can be hinged back into the room for convenient cleaning.

**Key Features**

- Series 613 Double Hung windows give the solid appearance of timber with the all benefits of aluminium: strength, weather performance, sound reduction, high performance powder coat and anodised finishes, security and fly screening.
- The window has been tested for compliance with the relevant Australian Standards achieving a high water resistance of 300Pa.
- 102mm frame, mullion and transom have a soft 2mm internal radius.
- Both sashes can be hinged back into the room to allow cleaning of both sides of the glass from inside, without having to remove the fly screen.
- Sashes can be secured with the Vantage custom key or non-key locking cam handle.
- MAGNUM™ double-hung windows can be fitted with external flyscreens within the frame line, no turn buckles required.
- The window is compatible with the high performance Designer Series windows and doors. A large range of snap couplers allow windows to be joined at 90°, 135° and 180° without unsightly rivets or screws.
- Matching fixed sidelights/highlights and lowlights.
- Sashes and sidelights will accept a variety of glass thicknesses from 4mm single panes to 20mm insulating glass units.
- The perimeter frame will accept the optional 'Paddington' federation trims.



Maximum Panel Height	1050mm
Maximum Panel Width	1155mm
Maximum Glass Thickness	≤ 20mm

*Subject to individual site conditions. Contact AWS Technical Support for information.*



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



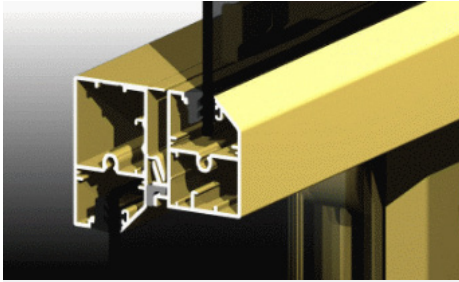
3D & 2D CAD FILES AVAILABLE



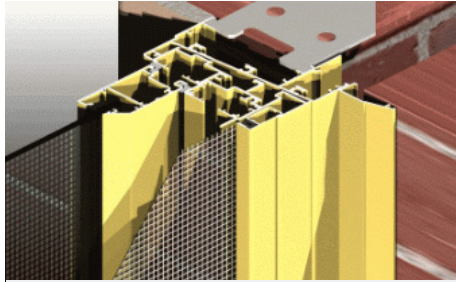
PRODUCT INFORMATION AVAILABLE AT  
WWW.VANTAGEALUMINIUM.COM.AU



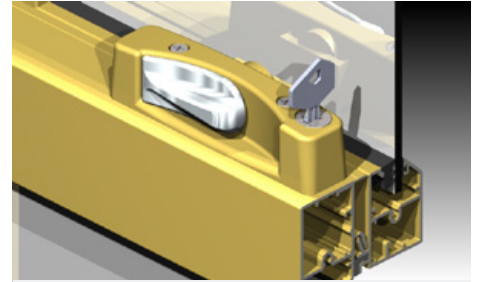
SPECIFIER ASSISTANCE AVAILABLE



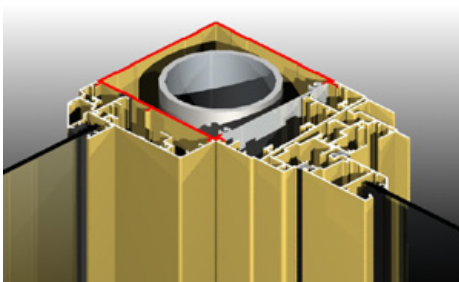
The 30mm wide sashes have been designed to accept a variety of glass thicknesses including 20mm insulating glass.



The window is designed to accept fly screens within the main frame.



We have designed a completely new lock for this window. Roll the chrome handle over 180° to lock/unlock.

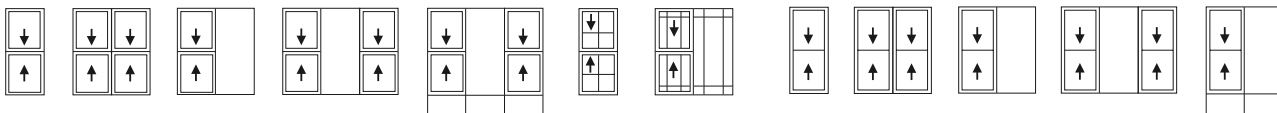


There are numerous snap couplers that allows us to join window to window or window to door. The illustration above shows the 90° corner coupler designed to wrap around support posts. No unsightly rivets or screws required.



Both sashes can be tilted back into the room to allow cleaning of the glass from the inside. No ladders or scaffolding required and no need to remove flyscreens to clean the glass.

### Typical Configurations



### WERS RATINGS

The table below lists some of the WERS rated glass and frame combinations for this system. For a complete list of all rated glass and frame combinations refer to the Series 613 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Clear	27%	6%	6.4	0.57	0.59	4.75
6.38mm Solect	42%	20%	4.9	0.47	0.54	4.75
6.38mm Comfort Plus	48%	21%	4.9	0.39	0.43	4.75
4Clr/10GAP/4EA	46%	32%	4.0	0.48	0.49	4.75
4Az/10GAP/4EA	59%	21%	4.0	0.28	0.41	4.75