



**DURALCO**   
PREMIUM ALUMINUM PRODUCTS FROM AUSTRALIA

  
**aneeta**<sup>®</sup>  
A JELD-WEN Company

Aneeta Sashless Windows provide the innovation and aesthetic solution for domestic and commercial building environments. Identified by our slim profiles in either timber or aluminium frames and our concealed locking systems, our profiles remain unobtrusive and minimalistic therefore, forever complimenting your design with a first class solution.



Our membership with the Australian Window Association is our guarantee of performance.



The Aneeta Windows 300 Series Double Glazed Sashless Horizontal Slider received "The Most Innovative Window System" award at the AWA Design Awards in 2010.



# Smart, Simple, Stylish

Aneeta Sashless Windows are consistently specified by architects, building designers and home owners.

An unobtrusive view together with the practicality of an operable window best describes an Aneeta Sashless Window, and they are suitable for all building environments. All our single glazed systems provide the overlapping of glass when opening or closing the systems while the simplicity and sleek look define the Aneeta brand.

Aneeta Sashless Windows are designed to accommodate the uniqueness of every building environment providing a versatility for all new or existing projects. The flexibility of the system also provides an excellent solution for retrofit projects.

## The Journey So Far

Aneeta commenced operations in Melbourne, Australia in 1994 when the company successfully identified a market for a stand alone company to purely specialize in sashless window manufacturing and installation without the need to provide a frame.

The company's original product offering was a 2 Pane Vertical Sashless double hung system with 6mm glass. This initial product has allowed the company to develop a fully comprehensive range of sashless window

systems to suit all domestic and commercial window requirements. Our range includes 3 & 4 Pane options, door inserts, horizontal sashless sliders, 16mm and 22mm double glazed vertical and horizontal systems and the new thermally broken "22 Series" in both Vertical and Horizontal sliding configurations.

The only national sashless window company in Australia we have offices in Melbourne, Sydney, Adelaide, Brisbane and Perth and an extensive

international distributor network with locations in the USA, Mexico, New Zealand, Singapore, Philippines, Thailand and India.

Aneeta Sashless Windows are the brand of choice among Australia's architects, building designers and home owners. For more information please contact one of our offices or contact us online: [aneetawindows.com](http://aneetawindows.com)



# Vertical Sliders

## 2 Pane

The 2 Pane Vertical Slider remains Aneeta's most popular product for residential and commercial projects.

When researching an alternative to traditional double hung windows, the Aneeta 2 Pane sashless system with its slimline design provides an excellent option that enhances the overall aesthetic of the window.

Our 2 Pane system provides the maximum viewing area possible and includes our unique centre fin design feature that eliminates "rattle" and provides a superior weather rating of the window. Able to be locked in the open and closed position the double hung counterbalanced system is easy to operate and provides for increased ventilation.

Counterbalanced



VS2PSS

Single Hung Servery Style



VS2PFS



VS2PSF

### Glass Options

- 6mm or 10mm Single Glazed

### Frame Options

- Aluminium





# Vertical Sliders

## 3 Pane

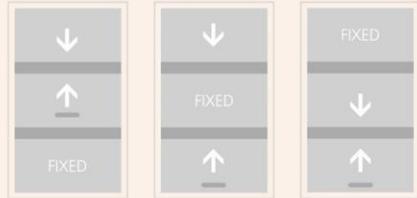
The Aneeta 3 Pane Vertical Slider has one fixed pane at either the top, middle or bottom location that can be tailored to suit a multitude of applications.

The 3 Pane Vertical system is ideal for installations where a fixed bottom pane is required. Typical examples include garden beds, pools and spas to eliminate water ingress and unwanted pedestrian traffic.

The fixed bottom pane system satisfies window egress requirements on multi-storey projects whilst maintaining the stylish floor to ceiling sashless look.

In addition to the counterbalanced system, the 3 Pane Sashless Window is also available in a single hung server style where the top and bottom panes are fixed allowing the centre pane to move providing air flow through the centre section.

### Counterbalanced

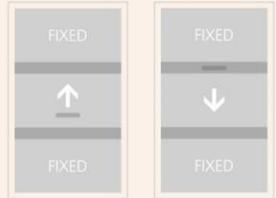


VS3PSSF

VS3PSFS

VS3PFSS

### Single Hung Server Style



VS3PFSuF

VS3PFSdF

### Glass Options

- 6mm or 10mm Single Glazed

### Frame Options

- Aluminium





# Vertical Sliders

## 4 Pane

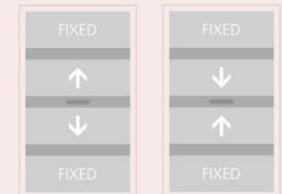
The unique Aneeta 4 Pane Vertical Slider is considered the pinnacle of the Aneeta range.

This system provides 4 panes with the option to alternate the fixed panes providing architects, building designers and specifiers with the flexibility to mix and match.

Our most popular arrangement allows the two centre panes to form the opening of the window while the top and bottom panes remain fixed.

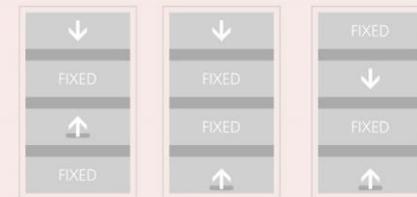
The Aneeta 4 Pane variation has been welcomed and implemented by architects and specifiers in a range of applications including wintergardens, restaurants, cafes and hotels and is extremely popular in building façade projects.

### Counterbalanced



VS4PFSuSdF

VS4PFSdSuF



VS4PSFSF

VS4PSFFS

VS4PFSFS

### Glass Options

- 6mm or 10mm Single Glazed

### Frame Options

- Aluminium



# Horizontal Sliders

The revolutionary, Aneeta designed, 300 Series Sashless Horizontal Slider is the only tested and certified 300pa (water) horizontal sashless window on the market.

Tested to an N5 rating (AS4055), the Aneeta 300 Series Sashless Horizontal Sliders are the ideal solution to prevent wind and water egress in exposed locations including coastal, high rise, balcony and courtyards.

The 300 Series Horizontal Slider also surpasses the requirements for air-conditioned buildings deeming it suitable for domestic and commercial applications including new and renovated homes, apartments, schools, restaurants, cafes, care facilities and retro-fits.

With our standard Aneeta contemporary slim lines the product maintains the appearance of fixed glazing while enhancing the architectural aesthetic.

To provide extra comfort in cold climates this product is also available in a 22mm thermally broken version.



## Glass Options

- 6mm or 10mm Single Glazed

## Frame Options

- Aluminium

## 2 Pane Horizontal

The 2 Pane Horizontal Slider is Aneeta's most popular horizontal product for residential and commercial projects. The slimline design includes two independent opening sections to allow for maximum ventilation.

## 3 Pane Horizontal

The 3 Pane Horizontal Slider maintains all the benefits and appearance of the 2 Pane system, while adding an extra pane and allowing either 1 or 2 of the panes to be fixed. This option suits the use of extra wide window configurations with operation and airflow controlled to specific locations.

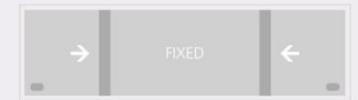
## 4 Pane Horizontal

The 4 Pane Horizontal Slider maintains all the benefits and appearance of the 2 and 3 Pane systems. The addition of an extra pane enables us to incorporate extra configurations. By targeting extra wide window configurations, the 4 Pane system maintains an easy operation and controlled airflow to specific locations.

### Typical Configurations



HS2PSS



HS3PSFS



HS3PFSF



HS4PFSSF



HS4PSFSF



HS4PFSFF



The Aneeta Windows 300 Series Double Glazed Sashless Horizontal Slider received "The Most Innovative Window System" award at the AWA Design Awards in 2010.



# Commercial

Aneeta has proven capability in undertaking large scale commercial projects for both government and private bodies. Many of these projects required our product to undergo rigorous testing and evaluation prior to being selected.



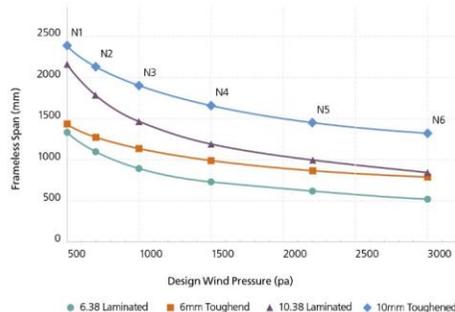


# Technical Details

## Weather Performance

Aneeta's range of standard models are rated for a minimum of 150-300pa water (depending on model) whilst the structural limits are dependant on the window size and glass type. As a guide, the allowed loading decreases as the glass width (or height for HS) increases.

Certain models have been tested up to 1000pa water and 6000pa wind load, which are very high results, even for commercial window products. The performance requirements for windows in residential houses is deemed by an "N" rating, which determines the type of glass suitable for a particular design (refer to table).



For Double Glazing (i.e. 4mm/3 spacer/4mm toughened) approximate with the 6mm Toughened curve.

NOTE: The above graph is to be used as a guide only. Further weight & size limitations may apply. For anything spanning over 1400mm, please contact Aneeta Windows.

## Specifying Aneeta

The best way to specify an Aneeta Sashless Window is to specify the model, for example:

- ANEETA VS3P16CSSF is a vertical slider 3 pane Clearstep™ double glazed window with the top 2 panes counterbalanced and the bottom fixed
- ANEETA HS3002P10SS is a 300 series horizontal slider with 10mm glass, and both panes sliding

If needed please contact Aneeta for a copy of our product coding system.

## Testing

Aneeta windows are tested to AS4420 and conform with AS2047 which specifies the requirements for design wind load, water penetration and air-infiltration. Aneeta have also undertaken acoustic, bushfire and other performance tests.



Energy



Window performance is a critical design factor due to both Australia's commitment to 5+ star ratings on housing to save energy consumption, and the need to increase the comfort level of occupants. Aneeta can offer either single or double glazed windows to meet your differing energy requirements. Exact performance data can be accessed from the Aneeta website [aneetawindows.com](http://aneetawindows.com) or the official Window Energy Ratings scheme (WERS) website [www.wers.net](http://www.wers.net)

### Window Energy Ratings Scheme

	Cooling Star Rating	Heating Star Rating	Cool %	Heat %	Uw W/m2.K	Uw BTU/hr-ft2-F	SHGC	Tvw	Air Inf
<b>VERTICAL SLIDERS</b>									
<b>ALUMINIUM SINGLE GLAZED</b>									
6 clear glass	☆☆	☆☆☆	24	17	6.0	1.06	0.63	0.66	2.23
6 grey tinted glass	☆☆☆	☆☆	39	8	6.0	1.06	0.45	0.31	2.23
6.38 clear laminated glass	☆☆	☆☆☆	25	18	6.0	1.06	0.62	0.67	2.23
6 Sunergy Low E glass	☆☆☆	☆☆☆	44	25	4.8	0.85	0.46	0.51	2.23
6 EnergyTech Low E glass	☆☆☆	☆☆☆☆	40	34	4.4	0.77	0.54	0.61	2.23
6.38 Comfortplus Neutral Low E glass	☆☆☆	☆☆☆	50	26	4.4	0.77	0.40	0.44	2.23
<b>ALUMINIUM DOUBLE GLAZED</b>									
4 clear / 8 air / 4 clear glass	☆☆	☆☆☆☆	35	37	4.2	0.74	0.60	0.62	3.77
4 clear / 8 argon / 4 EnergyTech Low E clear glass	☆☆☆	☆☆☆☆☆	42	44	3.5	0.62	0.56	0.58	3.77
4 Supergreen / 8 argon / 4 EnergyTech Low E clear glass	☆☆☆☆	☆☆☆☆☆	58	32	3.5	0.62	0.35	0.48	3.77
4 Sunergy Low E / 8 air / 4 clear glass	☆☆☆☆	☆☆☆☆	50	33	3.9	0.69	0.43	0.48	3.77
4 clear / 8 air / 4 EnergyTech Low E glass	☆☆☆	☆☆☆☆	41	41	3.7	0.69	0.56	0.58	3.77
6.38 Comfortplus Neutral Low E / 6 air / 4 clear glass	☆☆☆☆	☆☆☆☆	54	29	3.9	0.65	0.37	0.41	3.77
<b>TIMBER SINGLE GLAZED</b>									
6 clear glass	☆☆	☆☆☆☆	26	30	5.0	0.88	0.66	0.70	4.52
6 grey tinted glass	☆☆☆	☆☆☆	42	20	5.0	0.88	0.46	0.33	4.52
6.38 clear laminated glass	☆☆	☆☆☆☆	27	30	4.9	0.86	0.65	0.71	4.52
6 Sunergy Low E glass	☆☆☆	☆☆☆☆	48	37	3.7	0.65	0.48	0.54	4.52
6 EnergyTech Low E glass	☆☆☆	☆☆☆☆☆	43	46	3.3	0.58	0.56	0.65	4.52
6.38 Comfortplus Neutral Low E glass	☆☆☆☆	☆☆☆☆	54	38	3.3	0.58	0.41	0.47	4.52
<b>TIMBER DOUBLE GLAZED</b>									
4 clear / 8 air / 4 clear glass	☆☆☆	☆☆☆☆☆	39	51	3.1	0.55	0.62	0.65	3.22
4 clear / 8 argon / 4 EnergyTech Low E clear glass	☆☆☆	☆☆☆☆☆	46	58	2.4	0.42	0.58	0.61	3.22
4 Supergreen / 8 argon / 4 EnergyTech Low E clear glass	☆☆☆☆	☆☆☆☆☆	63	46	2.3	0.41	0.35	0.50	3.22
4 Sunergy Low E / 8 air / 4 clear glass	☆☆☆☆	☆☆☆☆	55	46	2.8	0.49	0.44	0.50	3.22
4 clear / 8 air / 4 EnergyTech Low E glass	☆☆☆	☆☆☆☆☆	44	56	2.6	0.49	0.60	0.63	3.22
6.38 Comfortplus Neutral Low E / 6 air / 4 clear glass	☆☆☆☆	☆☆☆☆	59	42	2.8	0.46	0.38	0.43	3.22
<b>HORIZONTAL SLIDERS - 300 SERIES</b>									
<b>ALUMINIUM SINGLE GLAZED</b>									
6 clear glass	☆☆	☆☆☆	25	16	6.2	1.09	0.62	0.64	0.90
10 clear glass	☆☆	☆☆☆	30	15	6.1	1.07	0.56	0.62	0.30
<b>ALUMINIUM DOUBLE GLAZED</b>									
4 clear / 14 air / 4 clear glass	☆☆☆	☆☆☆☆☆	38	43	4.0	0.70	0.59	0.61	0.60
<b>ALUMINIUM DOUBLE GLAZED (THERMALLY BROKEN)</b>									
4 clear / 14 air / 4 clear glass	☆☆☆	☆☆☆☆	45	48	3.3	0.58	0.54	0.56	0.60
<b>TIMBER SINGLE GLAZED</b>									
6 clear glass	☆☆	☆☆☆☆	29	29	5.2	0.91	0.63	0.66	0.90
10 clear glass	☆☆	☆☆☆	34	28	5.1	0.89	0.57	0.64	0.30
<b>TIMBER DOUBLE GLAZED</b>									
4 clear / 14 air / 4 clear glass	☆☆☆	☆☆☆☆☆	41	54	3.1	0.54	0.60	0.63	0.60
<b>TIMBER DOUBLE GLAZED (THERMALLY BROKEN)</b>									
4 clear / 14 air / 4 clear glass	☆☆☆	☆☆☆☆☆	43	55	2.9	0.50	0.59	0.62	0.60

1.Uw is the whole window U-value 2.SHGCw is the whole window solar heat gain coefficient 3.Tvw is the whole window visible (light) transmittance 4.Percentage improvement figures are compared with using base-case Generic Window 1 (8mm clear in standard aluminium frame) 5.A negative percentage improvement figure indicates performance worse than the base-case window 6.A positive percentage improvement figure indicates performance better than the base-case window 7.Maximum air infiltration is 5.0L/s.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047 8.Static performance (Uw SHGCw Tw Tdw) calculated using Window 6.3 and Therm 6.3 software (LBNL), 1999-2010 9.Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008. 10.Results disclosed at Australian Fenestration Rating Council (AFRC) regulations.

# DURALCO

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*Aneeta Windows pride themselves on being innovators in sashless window systems. Please note many of our systems contain specific design elements and as such we protect our inventiveness by obtaining worldwide patents and design protection where possible.*

## Visit Our Showrooms:

#60 Granada St. Willa Ortigas II, Quezon City  
Telephone Number : (+632) 8-725 8160  
Mobile Number: +63 917 511 5049

CW Home Depot Ortigas - Ortigas Center, Pasig City  
Telephone Number : (+632) 8-633 5539  
Mobile Number: +63 917 511 5073

MC Home Depot - Fort, Bonifacio Global City, Taguig  
Telephone Number : (+632) 8-816 0158  
Mobile Number: +63 917 511 5063

CW Home Depot Alabang - ALabang, Muntinlupa City  
Telephone Number : (+632) 8-771 1591  
Mobile Number: +63 917 511 5083

## Contact Us:

(+632) 8-839 2440 - 42 loc 111  
+63 925(DURALCO)  
+63 925 387 2526

For inquiries, visit our website:  
[duralcoph.com](http://duralcoph.com)  
or email us [atcustomerservice@duralcoph.com](mailto:atcustomerservice@duralcoph.com)