



**DESIGNER RANGE 413 SYSTEM**  
**Thermaview™ Awning/Casement/Fixed Lite Window**

### Overview

The Thermaview™ Awning/Casement/Fixed Lite Window is an ideal window for when very high performance is needed. The water rating is a phenomenal 1200Pa. It is able to withstand extreme weather conditions, having dual continuous perimeter sash seals with a modern contemporary look of a flat-faced sash for that clean, crisp look. There is also a bevelled sash option\*.

Good acoustic performance is possible and air infiltration is extremely low. High energy efficiency is obtained by the option of double glazing the purpose designed sash. The 65mm frame can be used as a fixed lite.

### Features

- Frame size is 65mm
- The window can be either single or double glazed
- Single glazing options range from 4mm to 10.38mm
- Designed to accept double glazing using up to 22mm IGU's without the need to add unsightly glazing adaptors
- System features continuous inner and outer seals for superior weather protection
- The drip mould is designed to avoid water draining to the inside when window is open
- Sashes can be operated either with a non-friction stay incorporating a chain winder or alternatively, aluminium or stainless steel friction stays utilising wedge-less fastening handles to secure the sashes in the closed position
- Insect screening option available in conjunction with chain winder mechanism
- Numerous window configurations are possible with or without highlights/lowlights
- Subsill and subhead options are available to facilitate on-site installation
- Option to incorporate the 413 System awning/casement sash into a number of Lidco commercial framing systems (710, 715, 718)\*

\*Single glazing only



Maximum Panel Height <sup>†</sup>	1800mm <sup>^</sup>
Maximum Panel Width <sup>†</sup>	1200mm
Maximum Glass Thickness	≤22mm IGU

<sup>†</sup>Dependant on wind loadings, refer to Lidco limitation tables  
<sup>^</sup>This size only available for friction stay option



\*\*Using subsill

Design Performance	
Serviceability Wind Pressure	3300Pa
Overall Classification	N6



## How to Specify

- Aluminium frames to be manufactured using Lidco 413 System: Thermaview™ Awning/Casement Window
- Selected framing to be engineered, manufactured and installed in accordance with:  
AS 2047-2048 (Windows in Buildings) AS/NZS 1170 (Loading Code) AS/NZS 1664 (Aluminium Structures Code)
- Selected glazing to be in line with performance requirements as set out in AS 1288 (Glass in Buildings)
- Size limitations are governed by design intent, glass selection and local wind load and deflection requirements

## AutoSpec Specification

All Lidco residential and commercial window and door systems are available in AutoSpec, the intelligent web-based specification engine. AutoSpec allows the Specifier to select the Lidco systems that meets their needs, specify them accurately and then complete the project specification text automatically.



[www.autospec.com.au](http://www.autospec.com.au)



For any specification assistance please call to speak to one of our friendly and knowledgeable technical sales team on 1300 663 848 or email [techsupport@lidco.com.au](mailto:techsupport@lidco.com.au)



413 System Specifier Guide, CAD, PDF files and more are available at [www.lidco.com.au](http://www.lidco.com.au)

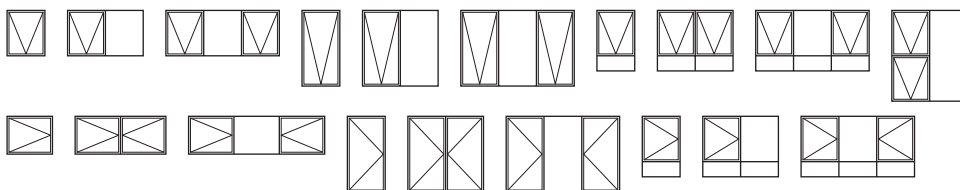
## WERS Energy Ratings



Glazing	Cooling	Heating	Uw*	SHGC*	Tvw*	Air Inf.
6mm Clear	23%	22%	6.7	0.60	0.61	0.95
6mm Energy Advantage	36%	37%	5.4	0.52	0.56	0.95
6.38mm ComfortPlus Clear	38%	37%	5.3	0.50	0.57	0.95
6mm Clear / 10mm Air / 6mm EA	47%	59%	3.8	0.49	0.50	0.95
6.38mm LamClr / 10mm Ar / 6.38mm CPClr	48%	61%	3.6	0.48	0.51	0.95
5mm CardLoE3-366 / 12mm Ar / 5mm Clear			3.4	0.22	0.43	0.95
4mm CardLoE3-366 / 16mm Ar / 4mm Clear			3.4	0.21	0.44	0.95

\*Notes: **Uw** is the whole window U-value, **SHGC** is the whole window solar heat gain coefficient, **Tvw** is the whole window visible (light) transmittance  
WERS ratings based on 130 System ratings  
More energy ratings available at [www.lidco.com.au/energy-ratings](http://www.lidco.com.au/energy-ratings)

## Typical Configurations



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Founded in Australia over 65 years ago Lidco is a leading designer and supplier of contemporary and high performance residential and commercial aluminium window and door systems