



CHAMBERLAINE CLOSE

**A UNIQUE ENVIRONMENTALLY-FRIENDLY AND ULTRA MODERN RESIDENCE
USING DOUBLE GLAZED VANTAGE ALUMINIUM JOINERY BY DLG ALUMINIUM & GLAZING**



The unusual size and location of this residential project required a combination of smart design and product choice to create an environmentally-friendly and ultra-modern home. As the recipient of eighteen prestigious building awards in the last three years, Scott James was called in to undertake this unique build at Chamberlaine Close in historic Albury. His attention to detail, love of smooth, clean lines, and commitment to energy-efficiency saw the project named North East Victoria Regional Home of the Year.

As well as striving to achieve a showcase of contemporary design and energy efficiency, the owners wanted to utilise the aesthetic appeal of large expanses of glass, and modern, clean lines. Large, bold window openings throughout the entire home created a thoroughly modern connection between the indoor and outdoor

spaces. Low-E glass and double glazing were selected to achieve the perfect balance of thermal performance.

Given the builder's understanding of the entire energy cycle and his focus on outstanding end-results, he insisted on using products from the Vantage Aluminium range, sourced from DLG Windows & Doors in Albury. One of the advantages these systems bring to a project is their ability to integrate double glazing. All Vantage window and door systems can be double glazed, with standard aluminium frames accepting IGUs up to 24mm. Thermally Broken systems can accept IGUs up to 32mm.

The DLG team are experts in the manufacture of Double Glazed Vantage systems, and the builder was confident in their strong knowledge and product quality.



Magnum Series 616 Awning Window

- Tested for compliance with the relevant Australian Standards and achieved a very high water resistance of 1000Pa, this makes the product suitable for most applications including multi-storey apartments.
- Low air infiltration, makes the product suitable for air conditioned buildings.
- The extra strong sashes allow large sash windows to be fabricated for high wind load areas.
- Splayed or square glazing beads available.
- 102mm frames, mullion and transom have a soft 2mm internal radius.
- Awning sashes can be fitted with cam handles, manual chain winders or concealed electric winders. The winder options suit fixed flyscreen installation.
- Sashes are hung on heavy duty four bar stainless steel or aluminium stays.
- Sashes and sidelights will accept a variety of glass thicknesses from 4mm single panes to 24mm insulating glass units.

One of the most arresting features of this home is a stunning central swimming pool surrounded by floor-to-ceiling Magnum fixed windows, fitted with 24mm IGUs. The Vantage Magnum product was chosen for its unique design and integrated sub-sill. This ensured fixed framing could be easily installed without an additional sub-sill. Other Vantage products used included Series 549 Entry Door, and Magnum 616 Awning windows fitted with electronic Connel winders for ease of use. Elevate™ Aluminium Systems Doors were also used throughout the project to achieve the large sliding door spans which captivate attention as you

make your way through the home's living areas.

The owners are extremely happy with the results, and with window quality that clearly surpasses that of a typical residential construction. By enthusiastically pushing the capabilities of the product, the builder and the team at DLG are proud to have met the unique demands and sustainability objectives of this ambitious project.



DLG Aluminium & Glazing worked closely with Architects to achieve the ideal glazing solution for the project balancing the requirements for energy efficient, acoustic performance, aesthetics and bushfire regulation compliance. The team at DLG is dedicated to providing customers with the personal service and technical excellence they have come to expect - as well as good value for money. The DLG showroom offers an extensive display of Vantage and Elevate™ systems and provides the ideal environment to make informed decisions about the windows and doors for your project.



NEED MORE INFORMATION?

For the latest technical information regarding Magnum Series 616 Awning Windows or other Vantage residential systems, visit our website:
www.vantagealuminium.com.au



2D & 3D CAD FILES AVAILABLE

Download the Magnum 616 Awning Window CAD & Revit 3D files to use in your projects from our website:
www.specifyaws.com.au



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