



Open Up Your Space, Add Light
Series 2050 and Series 2050i Garden Windows

Series 2050 Garden Window



The **Series 2050** standard garden window has an outstanding reputation for its distinctive design and excellent performance.

- AAMA certified DP-50 (R-50) rating for units 60.5 x 60.5 inches and smaller (Although units of a larger size do not have the same R-50 "Coastal Rating," they still provide all of the features and options of the smaller sizes).
- Fully welded, rigid PVC frame for greater strength and stability.
- The center mullion contains aluminum and steel reinforcements.
- Vinyl frame will not chip, rot or peel and will never need to be painted.
- Clear 1-inch insulated glass package.
- Top slope insulating glass (a constant 35-degree pitch) is tempered for improved safety and unit integrity.
- The projection of the window from the exterior wall face is a constant 17 inches.
- Knee brace supports are not needed.

Beautify Your Home

Open up any space in your home with a garden window and create a beautiful setting for your plants, collectibles or decorations. It could be the perfect finishing touch for your kitchen, bath or den make-over, remodeling project or new home.

The fully screened twin sealing side vents open a full 90 degrees to allow those warm breezes in on a sunny day. The multi-point locking system keeps out the cold and provides a tighter seal for added security.

The standard **Series 2050** garden window has an outstanding reputation for its distinctive design and excellent performance.

*The new **Series 2050i** is the only impact-rated vinyl garden window on the market today.* It continues the tradition of superior engineering and reliability established by our Series 2050.

This innovative product was tested by Intertek/ Architectural Testing and is certified to meet an ASTM Design Pressure of 50, Missile Impact Level D and Windzone 3 (Test report # D4389.01 501-44). It also has received Florida Building Code Approval (FL 17444).

Sized at 63 x 63 inches, the window was tested according to:

- 1) ASTM 1886-05, Standard Test Method for Performance of Exterior Windows by Missile(s) and Exposed to Cyclic Pressure Differentials, and
- 2) ASTM E1996-12, Standard Specifications for Performance of Exterior Windows Impacted by Windborne Debris in Hurricanes.

All of the features, benefits and options of our standard garden window Series 2050 are provided in this new impact-rated unit.

The only visible difference between the Series 2050 and the 2050i is the thickness of the front mullion.

Each window is custom-made to your specifications and shipped completely assembled, ready to install.

Series 2050i Impact-Rated Garden Window



The **Series 2050i** is the only impact-rated vinyl garden window on the market today. It continues the tradition of superior engineering and reliability established by our Series 2050.

- The aluminum-reinforced center mullion is wider and thicker for extra strength.
- All IGs with .090 laminated glass.
- Custodial lock on both casements.
- Maximum size is 63 x 63 inches.
- Knee brace supports are required and are provided with each order.
- Fully welded, rigid PVC frame for greater strength and stability.
- Vinyl frame will not chip, rot or peel and will never need to be painted.
- Clear 1-inch insulated glass package.
- The top slope is a constant 35-degree pitch.
- The projection of the window from the exterior wall face is a constant 17 inches.

Other features remain the same as the Series 2050:

Colors and Options

- Standard frame colors are White and Tan. Other colors are available by special order, including: Champagne or Cocoa exterior with a White interior or White exterior with a Light Oak interior.
- Also available as a special order option is our color match system which allows the window to be painted to match your color sample.
- Head board, seat board, jamb and edge banding are available in Birch or Oak veneer and White or Tan Pionite (HPL). Special order interior options include, Light Oak, Dark Oak or Cherry (HPL)
- Windows with a Birch or Oak interior can be provided pre-stained with a variety of Minwax® stains, and sealed.
- An acrylic solid surface seat board is available in Arctic White and decorator colors: Almond, Vanilla Sugar, Platinum Granite, Black Pearl or White Quartz.
- As shown in the window on the front cover: Interior LED lighting that is cool to the touch (hard wired only).
- The optional "Bullnose Edging and Interior Trim Kit" provides pre-cut casing and valance.

Frame Colors



Head Board, Seat Board and Jamb Colors



Acrylic Solid Surface Seat Board Colors



Please Note:
The color samples shown here are reproduced by mechanical process and may vary from actual colors of the product. Please contact your sales representative for samples before ordering.
HPL = High Pressure Laminate

Bullnose Edging and Interior Trim



Frame Color Samples



White (Series 2050 Standard)



White (Series 2050i Impact-Rated)



Tan (Series 2050 Standard)



Cocoa (Series 2050i Impact-Rated)



Champagne (Series 2050 Standard)



Custom Paint (Series 2050i Impact-Rated)

More Details



More Structural Features

- ▶ Both vents and deadlites have a built-in weep system and external glazing.
- ▶ A structural silicone is used to glaze the top slope and vertical deadlite portions of the unit.
- ▶ Snap-in sill cover for seat board provides aesthetic appeal and weather resistance.
- ▶ Exterior grade plywood head board, seat board and jamb are 1-1/4-inch for improved structural and thermal performance.
- ▶ Engineered for new construction and remodeling applications.
- ▶ Standard garden window jamb depths of 4-9/16, 5-1/4, 6-9/16, and 11 inches are available as well as custom jamb depths to fit any application.



Operating Sash

- ▶ Locks and operators are conveniently mounted to the inside front area for easy access.
- ▶ Operators are sealed to prevent air and water infiltration.
- ▶ Twin sealing, fully screened, operating casements with external glazing for improved weather protection.
- ▶ The *FlexScreen* screens have a high performance spring steel frame that is captured in the screen track and can be easily removed from inside the home. You will no longer see a screen frame and will gain more viewing area through the glass.
- ▶ The multi-point locking system provides a tighter seal and additional security.



More Options

- ▶ Glass options include high performance Low-E and v-groove, along with a variety of grid designs.
- ▶ **Highly recommended:** Insulation board with an "R" value of 5 can be installed under the seat board to increase the "R" value to 6.22. This 1-inch thick lightweight rigid material is 100 percent waterproof. **Note: Insulation board is required for all painted units.**
- ▶ One or more adjustable glass shelves with polished edges, brackets and standards. Depending upon the width of the unit, the glass thickness will be either 3/8-inch or 1/2-inch.



Please Note:

The data mentioned in this document is current at the time of printing. Since publication, some changes may have occurred. Please check with your sales representative before purchasing.

Also Available: Series 2051 Stucco Replacement Garden Window

Designed specifically for stucco remodeling applications, the Series 2051 garden window installs like a new construction window. It incorporates aluminum nail flanges for mounting directly to the outside of the existing window framing (knee braces are required for support). The sill flange can be mounted prior to window placement which aids installation of the unit. A major advantage of this design is that there is no disruption to the interior wall treatment. Ask your sales representative for more information.



Ventana USA

6001 Enterprise Drive
Export PA 15632-8969
Phone: 724.325.3400
Fax: 724.327.4540
www.ventana-usa.com
information@ventanapa.com

