



Passion for Homes and Families



THE
AURORA
SERIES

Casements & Awnings | Bays & Bows

Like the unsurpassed beauty and variety of the Northern Lights, the Aurora window system offers a similar image with a variety of window styles and elegant design options.

With their crisp lines and sculpted millwork design, Aurora windows give your home an elegant look of distinction.

CASEMENTS | AWNINGS

STANDARD FEATURES

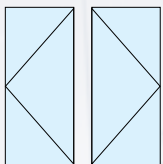
1. **Heavy wall multi-chamber vinyl extrusions** provide a better thermal barrier.
2. **Beautiful contour exterior design** gives your home an elegant and fresh new look and matches other Earthwise window profiles.
3. **Fusion-welded frame and sash** provides an impenetrable barrier to air and water penetration, the ultimate in strength and integrity.
4. **Casement opens full 90°** for maximum ventilation and easy cleaning from inside your home.
5. **Optional egress hinge** allows smaller windows to meet egress requirements.
6. **Multi-point locking system and heavy-duty hardware** allows for easy, weather-tight operation and dependable security. Casement locks at multiple points.
7. **Narrow profile design** maximizes outward view.
8. **Multiple unit design** allows for mulling and stacking for unique aesthetics.
9. **Optional IntelliGlass low-E glass** provides maximum regional thermal efficiency.
10. **Corrosion-resistant hardware** assures years of trouble-free performance.
11. **Sunshield advanced 100% vinyl compound** has a proven weather-beating formula.
12. **Encore's full-flip folding handle design** recesses in the operator cover, giving windows a smooth, contemporary look and eliminates interference with curtains and blinds.
13. **Heavy-duty triple weatherstrip design** resists air and water infiltration.
14. **3/4" Intercept insulated glass system** provides a barrier to heat transfer in insulating glass unit.
15. **FlexScreen**: High-performance PVC coated spring steel frame is damage resistant, beautifully invisible and effortless to install.
16. **Awning windows** can be used in many window combinations.
17. **Lifetime Limited Warranty**



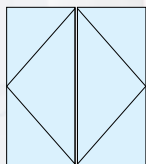
THE
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SERIES

CONFIGURATIONS

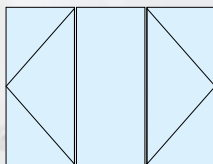
Casements



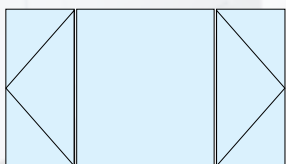
Casement
left or right



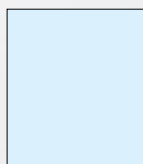
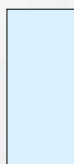
2 Lite
Casement



3 Lite Casement
equal

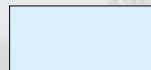


3 Lite Casement
50% center



Fixed Lites

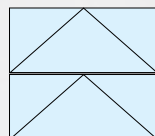
Awnings



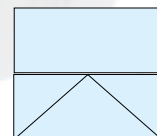
Fixed Lite



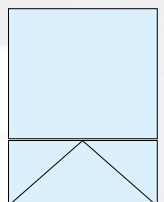
Awning



2 Lite Awning
both operate



2 Lite Awning
fixed top



2 Lite Awning
2/3 over 1/3

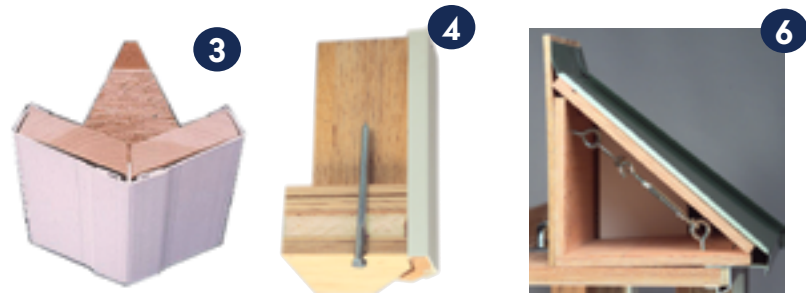
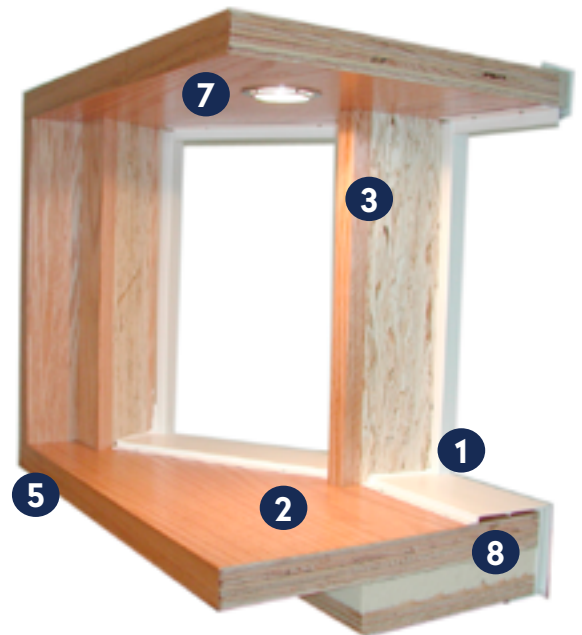
BAYS | BOWS

Aurora Bay & Bow windows from Vinylmax offer handcrafted construction and superior energy performance. Custom designed and manufactured to fit your home, Aurora Bay & Bow windows are packed with features. These combine in a dependable window with a lovely panorama, right from your home.

STANDARD FEATURES

1. **Color-matched, weatherproof PVC exterior** is maintenance free and resists scratching and denting.
2. **Hand-selected 1-1/4" furniture-grade Birch or Oak hardwood interior** is 67% thicker than typical products and won't delaminate or show glued seams.
3. **Solid Timberstrand laminated wood mullion construction** with "walled in" window openings provide superior strength and will not twist or warp.
4. **6" threaded lagbolt construction** anchors the head and seatboard for support and durability.
5. **Veneer-banded edges** for a beautifully finished interior reveal.
6. **Eyebolt anchors and concealed adjustable cable support system** allows precise leveling of the window's pitch, while providing sturdy support.
7. **Optional low-voltage recessed lighting** highlights accent pieces.
8. **Optional insulated seat** increases comfort. Choose Superior R9 (as shown) or Ultimate R21.

THE AURORA SERIES



Additional optional features include: pre-finished knee braces, custom matched interior 3 1/2" casing, pre-fabricated roof in a variety of styles, laminated or corian interior, and pre-finished interior.

4



Garden windows are attractive options for adding light and space to any room in your home.

- two venting casement sides
- glass roof
- shelf for plants or collectibles

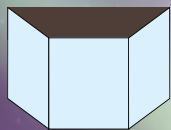


Garden Window

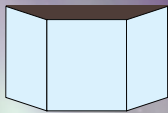
CONFIGURATIONS

Bays

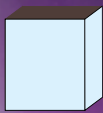
Bows



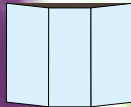
45° Bay



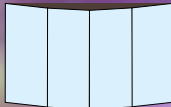
30° Bay



Box Bay



3 Lite Bow



4 Lite Bow



5 Lite Bow

30° Bay with Casements



45° Bay with Copper Clad Roof



4 Lite Bow



OPTIONAL FEATURES

ROOFS

Pre-assembled wood roofing system reduces construction and installation time. Plywood, Painted Metal, or Copper Clad available with or without patina.

AVONITE® SOLID SURFACE SEATS

1/4" Avonite® seat is scratch resistant and impervious to water. Available in inlaid or inserted style and four color options.

RECESSED LIGHTING

Enhance the beauty of bay and bow windows with low voltage, recessed lighting. Available in three trim finishes.

HIP STYLE



Shingles*



Painted Metal



Copper Clad

CONCAVE



Concave Patina



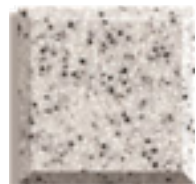
Cameo White



Beach



Sandstone



Dusk



White



Brushed Nickel



Polished Brass

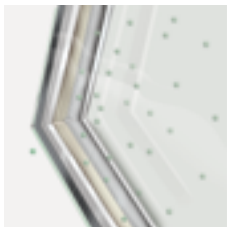
*Roofs can be manufactured to allow for shingle placement

ANATOMY OF AN ENERGY EFFICIENT WINDOW

- 1. **Quality Frame Materials:** low-maintenance frame materials, like vinyl, reduce heat transfer and help to better insulate.
- 2. **Multiple Panes:** two panes of glass with a gas filled airspace are energy-efficient, resist impact damage and provide sound insulation.
- 3. **Low E Glass:** reflects heat and keeps heat inside in the winter and outside in the summer. UV is also reflected, protecting furnishings from fading while allowing plants to thrive.
- 4. **Gas Fill:** inert argon and krypton are more dense and insulate better than regular air.
- 5. **Warm Edge Spacers:** like Intercept or Super Spacer, keep a window's glass panes the correct distance apart. Warm Edge Spacers insulate pane edges, reducing heat transfer through the window.



SPACER SYSTEMS



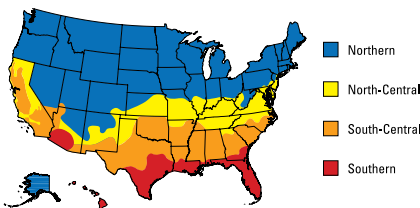
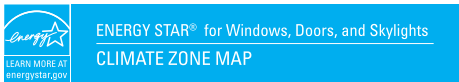
Intercept Spacer System

features a unique, one-piece, tin-plated U-channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window. Its sealed, one-piece design makes Intercept spacers stronger and better at retaining insulating gas than many conventional designs.



Optional Super Spacer

Warm edge Super Spacer is the "no metal" upgrade to help your windows reduce energy costs. Its 100% memory foam formula stands up to a wide range of temperatures and is designed to provide outstanding UV resistance. It dramatically decreases condensation and blocks heat escape for best thermal performance.



Installing ENERGY STAR qualified windows and doors lowers energy bills and saves you money.

With more efficient windows, you also use less energy, which reduces greenhouse gas emissions from power plants. Can you feel your carbon footprint shrinking?

Aurora windows can be specified with high-performance glass to meet ENERGY STAR criteria in each specific climate zone.

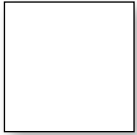
THERMAL PERFORMANCE

CASEMENT	U-Value	No Grids			With Grids		
		SHGC	VLT	CR	SHGC	VLT	CR
Clear Glass	.43	.59	.60	42	.54	.55	42
IntelliGlass Low E	.27	.35	.49	57	.32	.44	57
IntelliGlass X Solar Control	.27	.29	.46	57	.26	.42	57
IntelliGlass North Energy Star	.24	.24	.43	48	.22	.39	48

AWNING	U-Value	No Grids			With Grids		
		SHGC	VLT	CR	SHGC	VLT	CR
Clear Glass	.44	.56	.57	42	.51	.51	42
IntelliGlass Low E	.28	.24	.43	57	.30	.42	57
IntelliGlass X Solar Control	.27	.27	.44	57	.25	.40	57
IntelliGlass North Energy Star	.24	.24	.43	48	.22	.39	48

MAKE IT YOUR OWN

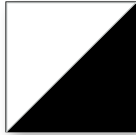
COLORS



White PVC
(standard)



Bronze
Exterior
Laminate



Black
Exterior
Laminate

WOOD SPECIES



Birch



Oak

*Wood species available on bay and bow frame only

GRIDS

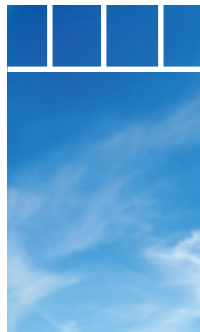
Patterns



Colonial



Perimeter



Valance

Profiles



Flat and Georgian profiles available. Grids are placed between the glass and are securely locked into place, so they'll always remain straight and true. Simulated Divided Lites available.

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WHY VINYLMAX?

MADE IN THE USA



Vinylmax is passionate about American jobs and the American economy. That is why we source the majority of our components from other American manufacturers and fabricate our windows in our Ohio and New York factories. When you buy a Vinylmax window, you can be sure you are not only getting American quality, but also supporting and sustaining local communities.



QUALITY FIRST

In our facility, we utilize the most modern manufacturing methods and technology to produce the highest quality vinyl replacement windows. This results in the best value for your home.



WARRANTY

To protect your investment and our reputation, we back our products with a Lifetime Limited Warranty so strong that it will exceed your expectations.

THE VINYLMAX STORY



Founded in 1982 in Cincinnati, Ohio by the Doerger family and manufacturing a mere five windows per day, the Vinylmax legacy began to unfold. As one of the very first vinyl window manufacturers in the United States, Vinylmax embraced the philosophy that quality custom windows manufactured quickly would inspire loyalty in its customers.

Today the next generation of the Doerger family continues to embrace that philosophy in its Ohio and New York manufacturing facilities. Millions of American homes are more beautiful and more energy efficient, thanks to Vinylmax windows.

vinylmax
windows

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