



energycore™
Beautifully Innovative™



More Energy Efficient



Stronger



More Secure



Quieter

With Traditional Style

Mienergycore.com



energycore™
Beautifully Innovative™

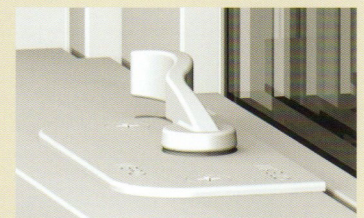
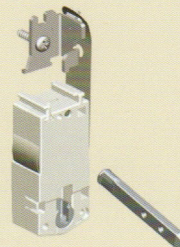
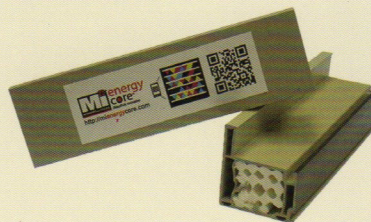
180 Vinyl Tilt Double Hung Window

FEATURES **DESIGNED FOR PERFORMANCE & STYLE**

- 3-1/4" Frame plus a beveled exterior
- 3/4" O.A. TMAX HE or TMAX SC glass packages
 - Optional 1-1/8" O.A. Triple Pane glass packages

FIN TYPES

- 1" Fin, 1-7/8" Flush Fin & Finless
- Patented AirCell™ frame & sash
- Interlock at center rails
- Metal reinforcements at meeting rail
- Heavy duty constant force balance
- Traditional top & bottom pull rail
- Dual recessed Camlocks
- Quadruple weather stripping
- Baffled & offset weep system
- Operating vents tilt in for cleaning
- Extruded Aluminum screen frame with Clarity™ mesh
- Lifetime Glass Breakage Warranty



Dual Recessed Camlocks
Patented "Clean on Demand"
integrated tilt latches

Optional Feature

WOCD - Window Opening Control Device

Heavy Duty
Constant Force Balance

Make a great window even better... Choose your own options!

Choose a glass package that meets your needs.



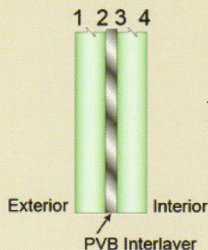
Our TMAX High Efficiency glass package includes double strength LoE 70/36 glass with Argon gas and is designed for northern climates.



Our TMAX Solar Control includes double strength high performance LoE 55/27 glass and is designed for southern climates.

Choose glass upgrades that are right for you.

Laminated Glass

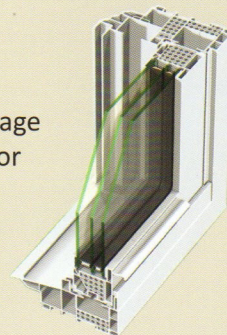


Laminated Glass is created by joining two or more pieces of glass together with an inner layer of transparent plastic.

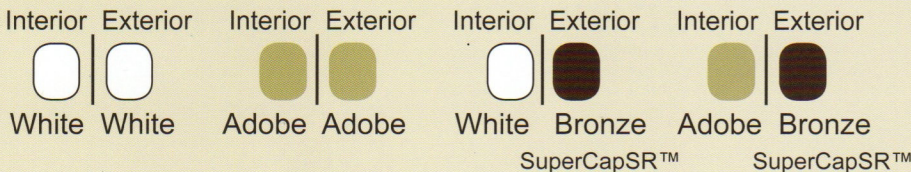
ClimaGuard LamiGlass™ blocks 99.9% of UV rays and offers superior Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC) rating to reduce sound transfer through the glass to help keep a quiet home. ClimaGuard Lami Glass also protects the homeowner by increasing intruder resistance and vandalism.

Triple Glaze (3 panes of glass)

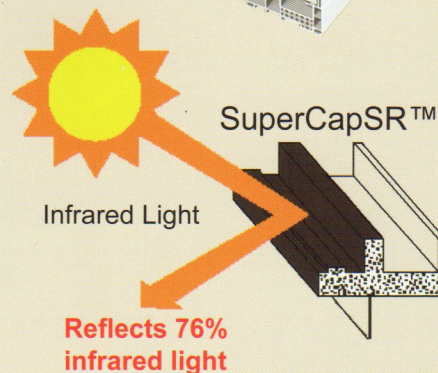
Include triple glaze in any style window, any size and in any configuration. A triple glaze glass package will improve the energy efficiency of your windows and will reach an R5 rating which will qualify for the US Department of Energy's High Performance Window Purchase Program.



Choose your frame color.

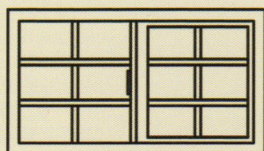


The bronze exterior is a co-extruded thermally-fused acrylic color layer called SuperCapSR™. This color technology provides superior durability and a low-heat absorbing surface.

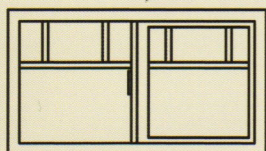


Choose a grid type and pattern.

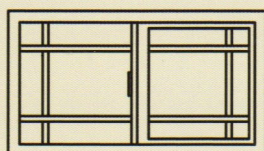
Flat, Sculptured & Simulated Divided Lite SDL grids are available in standard and custom patterns.



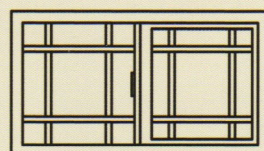
Traditional



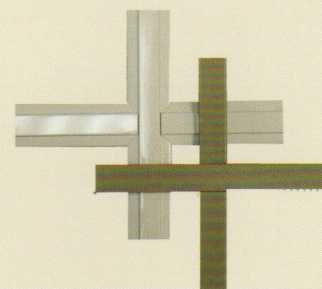
Drop



6 Lite Perimeter



9 Lite Perimeter





energycore™
Beautifully Innovative™

147 Vinyl Casement and 140 Vinyl Awning Window

FEATURES **DESIGNED FOR PERFORMANCE & STYLE**

3-1/4" Frame

3/4" O.A. TMAX HE or TMAX SC glass packages

- Optional 1-1/8" O.A. Triple Pane glass packages

FIN TYPES

1" Fin, 1-7/8" Flush Fin & Finless

Dual Foam compression bulb seals

Exterior perimeter weather stripping

Multi-point hardware

Folding handle and Lock lever

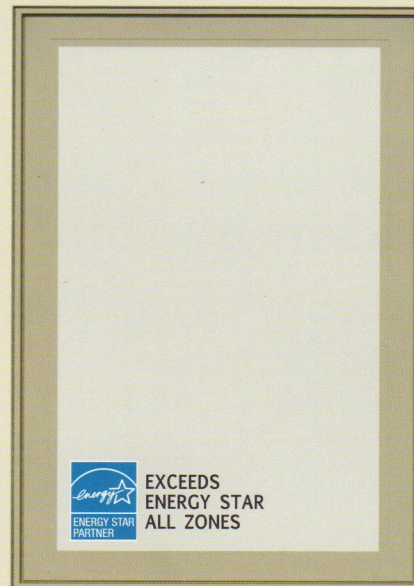
Available in White and Adobe

- Optional colors are Oil Rubbed Bronze and Brushed Nickel

Multi chambered vinyl extrusion

Aluminum screen frame with Clarity™ mesh

Lifetime Glass Breakage Warranty



Folding Hardware

(shown in Oil Rubbed Bronze)





energycore™
Beautifully Innovative™

160 Horizontal Slider and 150 Single Hung (VS) Window

FEATURES DESIGNED FOR PERFORMANCE & STYLE

- 3-1/4" Frame plus a beveled exterior
- 3/4" O.A. TMAX HE or TMAX SC glass packages
- Optional 1-1/8" O. A. Triple Pane glass packages

FIN TYPES

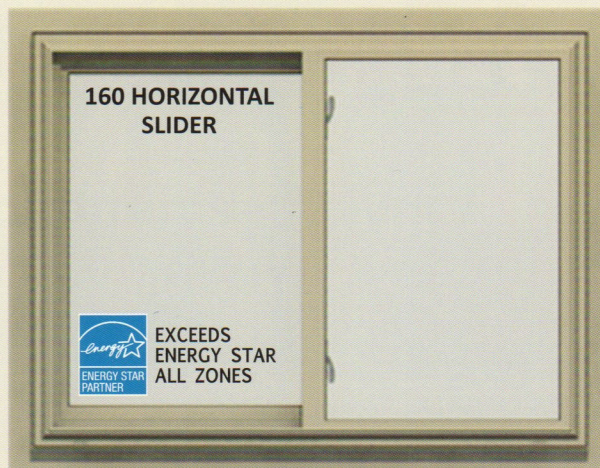
- 1" Fin, 1-3/8" Fin, 1-7/8" Flush Fin & Finless
- Patented AirCell™ frame and sash
- Interlock at center rails
- Metal reinforcements at meeting rail
- Integrated pull rail
- Dual Recessed Camlocks
- Overlapping Tri-Fin weather stripping
- Baffled & offset weep system
- Extruded Aluminum screen frame with clarity mesh
- Lifetime Glass Breakage Warranty

160 Horizontal Slider

Heavy duty tandem rollers

150 Single Hung

Block & Tackle balance



Why?



Window System

The MI EnergyCore Window System is designed for optimal energy efficiency and high performance without compromising style and functionality. The system's high performance is derived from a combination of patented AirCell PVC frame technology, TMAX Insulating Glass, and a design that incorporates numerous physical barriers against air and water infiltration.

The frame is manufactured with a patented AirCell PVC material that is co-extruded and thermally bonded. This creates a fully insulated, corner welded frame that results in superior energy efficiency and strength. The frame is designed to support triple pane insulating glass to maximum residential sizes in any style. Additional strength is achieved thru internal aluminum reinforcements at the lock rails for maximum security.

Numerous air and water barriers are engineered into the panel and frame interface. These barriers include multiple contact points of weather stripping and/or compression bulbs, interlocking meeting rails, and a pocketed sill with a sloped drainage path.

These features are designed to keep a home's interior weather tight even in harsh conditions. All styles of the MI EnergyCore Series have been tested to an AAMA Performance Grade 40 or above.

The MI EnergyCore Window System achieves optimal energy efficiency. The frame blocks thermal conductivity at least 6 times better than fiberglass, 4 times better than rigid PVC, and 3 times better than wood. When we combine the MI EnergyCore frame with our high-performance, triple-pane, argon enhanced TMAX glass packs, the resulting window exceeds ENERGY STAR® requirements by 30 - 50 percent and meets the requirements for the Department of Energy's R-5 High Performance Windows Program. In fact, our window system is so efficient, that our standard MI EnergyCore dual pane window, even WITHOUT argon gas enhancement, exceeds Energy Star requirements in ALL zones, in ANY style, and in ANY configuration.

The MI EnergyCore Window System's unique design results in a more energy efficient, more secure, stronger and quieter window.

Designed for Optimal Energy Efficiency & Performance

- **Engineered AirCell™ Technology**

- Advanced tri-extrusion process
- Thermally-bonded into profiles during extrusion process

- **Barriers to Air and Water Infiltration**

- Multiple air & water barriers
- Multiple contact points of weather stripping
- Interlock meeting rails & pocket sill with drainage path

- **Superior Energy Efficiency & Strength**

- Fully insulated
- Supports triple-pane glass
- Corner welded frame
- Aluminum reinforced for strength & security

