



**A complete line of energy efficient, strong, quiet,  
secure windows with traditional style.**

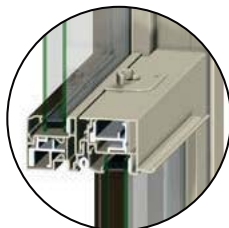
**FEATURES**

- 3-1/4" frame depth
- 3/4" O.A. Low E insulated glass with Super Spacer®  
 Optional 1-1/8" O. A. triple-pane glass packages
- Patented AirCell™ technology in sash
- Interlocking & metal reinforcement at center rails
- Integrated pull rails
- Recessed camlocks (dual locks on windows ≥ 29-1/2")
- Overlapping tri-fin weather stripping
- Heavy duty tandem rollers on the 160 Slider
- Block and tackle balance on the 150 Single-hung
- Bulb seal
- Internal sloped weep system
- Extruded aluminum screen frame with clarity mesh

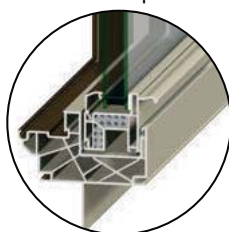
**Frame Styles**

- 1-3/8" Fin, 1-3/8" Stucco Fin, 1" Fin,
- 1-7/8" Flush Fin & Finless

Interlocking center rail



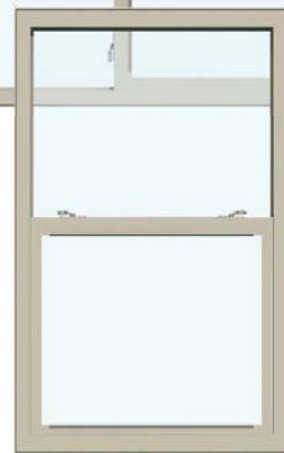
Internal sloped sill



**160 Horizontal Slider**

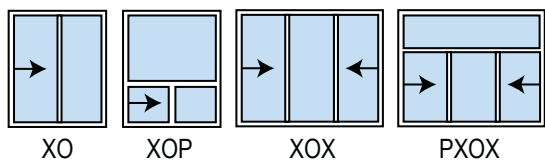


**150 Single-Hung**

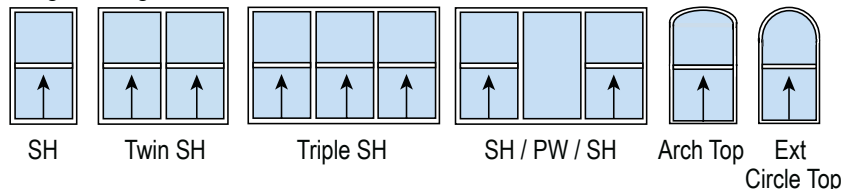


**Configurations** (viewed from the **OUTSIDE** looking in)

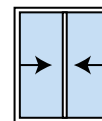
**Slider**



**Single Hung**

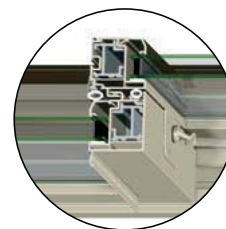


**130 Vinyl Double-Slider Features**

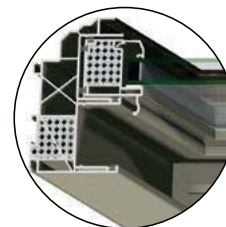


- 3-1/4" frame depth
- 3/4" O.A. Low E insulated glass with Super Spacer®  
 Optional 1-1/8" O. A. triple-pane glass packages
- Patented AirCell™ technology in main frame & sash
- Interlock at center rail
- Metal reinforcements at meeting rail
- Heavy duty tandem rollers on both sashes
- Dual contoured pull rails on both sashes
- Recessed camlocks (dual locks on windows ≥ 29-1/2")
- Quadruple weather stripping
- Bulb seal
- Vent stop
- Extruded aluminum screen frame with Clarity™ mesh

Interlocking center rail



Main-frame & sash



**Frame Styles**

- Available in 1-7/8" Flush Fin & Finless

**Optional Feature**

WOCD - Window Opening Control Device



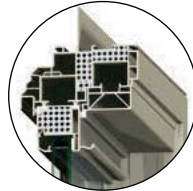
# 180 Vinyl Tilt Double-Hung



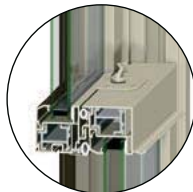
## FEATURES

- 3-1/4" frame depth
- 3/4" O.A. Low E insulated glass with Super Spacer®  
Optional 1-1/8" O.A. triple-pane glass packages
- Patented AirCell™ technology in main-frame and sash
- Interlock at center rail
- Metal reinforcements at meeting rail
- Heavy duty constant force balance
- Traditional top & bottom pull rail
- Dual recessed camlocks
- Quadruple weather stripping
- Bulb seal
- Hybrid sloped sill
- Top and bottom vents tilt in for cleaning
- Vent stop
- Extruded aluminum screen frame with Clarity™ mesh

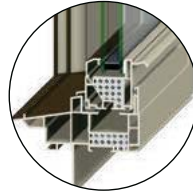
Main-frame head & sash



Interlocking center rail



Hybrid sloped sill



## Frame Styles

- 1-3/8" Fin, 1-3/8" Stucco Fin, 1" Fin,
- 1-7/8" Flush Fin & Finless

## Optional Feature

WOCD - Window Opening Control Device



# 155 Vinyl Picture Window

# 170 Vinyl Architectural Shapes

## FEATURES

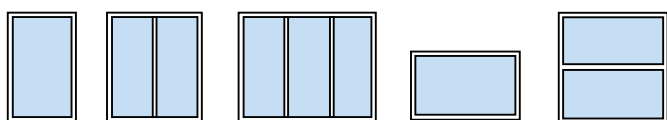
- 3-1/4" frame depth
- 3/4" O.A. Low E insulated glass with Super Spacer®  
Optional 1-1/8" O.A. triple-pane glass packages
- Multi-chambered vinyl extrusion
- Direct set
- Baffled and offset weep system

## Frame Styles

- 1-3/8" Fin, 1-3/8" Stucco Fin, 1" Fin,
- 1-7/8" Flush Fin & Finless



Picture Window

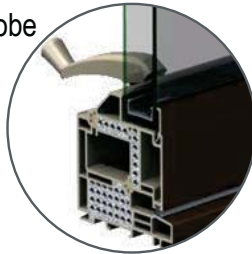
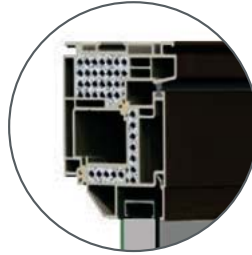


Architectural Shapes

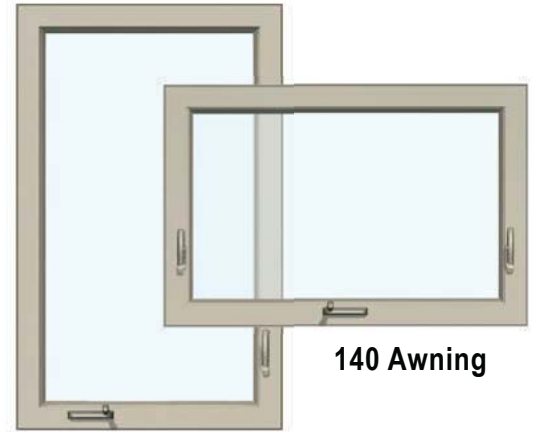


**FEATURES**

- 3-1/4" frame depth
- 3/4" O.A. Low E insulated glass with Super Spacer®  
 Optional 1-1/8" O.A. triple-pane glass packages
- Patented AirCell™ technology in main-frame and sash
- Dual foam compression bulb seals
- Exterior perimeter weather stripping
- Multi-point hardware
- Folding handle & lock lever available in white and adobe  
**Optional** - Oil Rubbed Bronze and Brushed Nickel
- Roll form screen frame with Clarity™ mesh



**147 Casement**



**140 Awning**



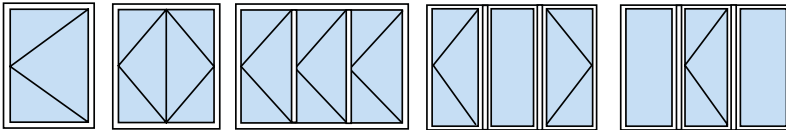
**Folding Handle**  
 (Shown in Oil Rubbed Bronze)

**Frame Styles**

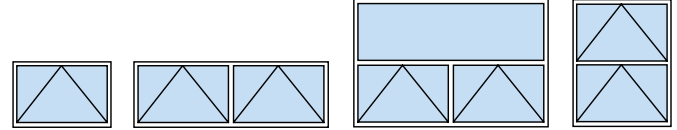
- 1-3/8" Fin, 1-3/8" Stucco Fin, 1" Fin,
- 1-7/8" Flush Fin & Finless

**Configurations** (viewed from the **OUTSIDE** looking in)

Casement



Awning





## Glass

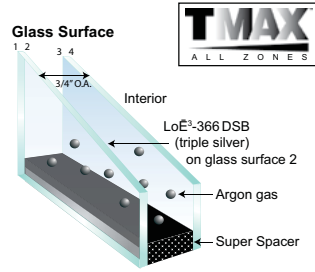
MIWD EnergyCore windows feature a Low E DSB insulated glass unit sealed with a flexible foam, warm edge Super Spacer®.

In warm weather, Low E glass reduces solar heat gain, minimizes interior glare and lowers inside glass temperature, to reduce cooling costs.

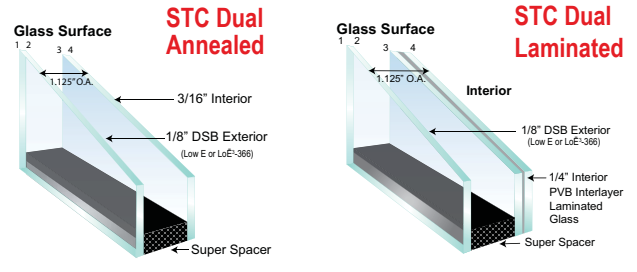
In cool weather, Low E glass provides outstanding thermal performance with warmer inside glass surfaces to reduce heating costs.



## Dual-pane glass options



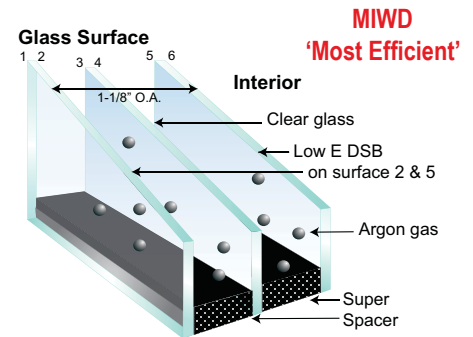
## Sound control options



## Triple-pane glass options



The 'MIWD Most Efficient' triple pane glass option in an EnergyCore window meets the requirements for ENERGY STAR Most Efficient 2013.



## Colors

Actual colors may vary.



White Adobe

## Color options

White Interior Adobe Interior



SuperCapSR Bronze Exterior

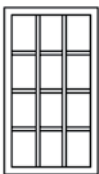


Born from military infrared reflective technology, the SuperCapSR™ color coating is designed to prevent profile distortion due to heat build-up, caused by high outdoor temperatures. The coextruded colorant system creates a molecularly fused color layer that becomes an integral part of the profile. Unlike painted vinyl, the tough acrylic bronze color layer is scratch resistant and extremely durable.

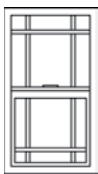
## Grids

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

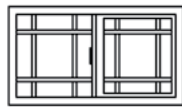
Grids between-the-glass



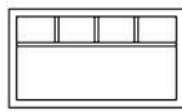
Colonial



6-Lite Perimeter

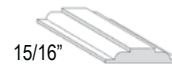


9-Lite Perimeter



Drop

Simulated divided lite grid (SDL)



15/16"



5/8"

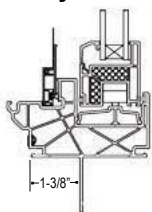


15/16" Sculptured

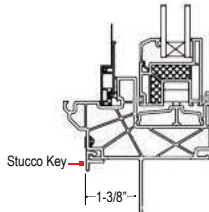
5/8" Flat

## Frame Styles

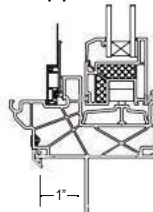
For new construction and replacement applications.



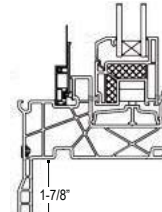
1-3/8" Mounting Fin Set-back



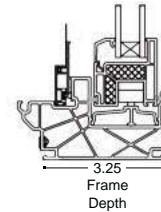
1-3/8" Mounting Fin Set-back w/Stucco Key



1" Mounting Fin Set-back



Contoured Flush Fin



Finless

# Why? **MIWD** energycore

The MI EnergyCore Window System is a complete line of traditionally styled windows designed for optimal energy efficiency and high performance. The window styles include; a slider, double-slider, single-hung, double-hung, casement, awning, picture window and architectural shapes.

The high performance frame uses truss internal webbing which maximizes the torsional and in-line strength. All styles can achieve an AAMA Performance Grade of LC-40 and will comfortably support the added weight of triple pane glass. A standard dual pane EnergyCore window meets the current Energy Star standards in all zones. When upgraded to triple pane glass, the system meets the Department of Energy R-5 standards in all styles and any configuration.

A STC laminated glass package adds safety, sound control and UV protection. Laminated glass is highly break resistant, reduces the sound transmission up to 50%, and blocks most of the UV light that can cause fading, all without compromising energy efficiency or clarity.

MI EnergyCore windows are available with a thermally fused, SuperCapSR bronze exterior acrylic cap that reflects 76% of the infrared light thereby preventing heat build-up on the frame.

The MI EnergyCore Window System's unique design results in an energy efficient, secure, strong and quiet window with traditional style. If you have questions or want more information, visit our website at [www.MIEnergyCore.com](http://www.MIEnergyCore.com).

## Why? MI Windows and Doors

MI Windows and Doors strives to manufacture "Best in Class" windows, doors, and related products used in residential new construction and replacement projects. Since 1947, we've focused on great people making great products.

To us, "Seeing You Through" is a philosophy that goes beyond the manufacturing facility, beyond the warehouse, and right into each home and construction site. It's what drives us to manufacture products that are complete, accurate, and delivered on time. But most of all, it's why our customers place their trust in us.



MIWD\_EC6pgg\_08152014LB



[www.mienergycore.com](http://www.mienergycore.com)



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