



EC
190
SLIDING
GLASS DOOR

EnergyCore 190 Vinyl Sliding Glass Door

The 190 French Rail sliding glass door is **traditionally styled with tall bottom rails, wide stiles, and a true-sloped sill.** Its superior thermal performance begins with its MikronWood® frame, a solid-core material that combines the beauty of wood with the durability, weather-resistant, and no-maintenance advantages of a composite. Offering the best in style and performance, the EnergyCore 190 door effortlessly blends interior and exterior spaces in all climate types.

PERFORMANCE FEATURES

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- MikronWood® solid-core material offers unmatched durability
- Bronze anodized aluminum sill and roller track creates effortless operation
- Extruded, heavy-duty top-hung screen door lets breezes in and helps keep bugs out



Designed smarter, from the inside out

ENGINEERED TO PERFORM

- 5 1/2" frame depth
- 7/8" insulated glass
- Finless, flush fin, or mounting fin frames available

CONVENIENCE & STYLE

The 190 features the following design detail on every door:

- Tandem ball bearing metal roller system with composite wheels

SAFETY & SECURITY FEATURES

- Standard dual-mortise lock with steel keeper provides secure closure
- Standard tempered glass is four times stronger than non-tempered glass and safer if broken
- Standard Signature Series key-lock handle for added security and convenience

SIZING

MINIMUM & MAXIMUM (available in 1/8 increments)

- 2-Panel
 - 47 1/2"-96" wide x 71 1/2"-96" high
- 3-Panel
 - 91"-145" wide x 71 1/2"-96" high
- 4-Panel
 - 119 1/2"-192" wide x 71 1/2"-96" high

CREATE A CUSTOMIZED LOOK

HARDWARE FINISH OPTIONS

- Oil Rubbed Bronze
- Brushed Nickel

GRID TYPES & SIZES

- 5/8" flat grids-between-the-glass
- 15/16" sculptured grids-between-the-glass

GRID PATTERNS



Colonial



9-Lite Perimeter



6-Lite Perimeter



Drop

ENERGY-EFFICIENT GLASS PACKAGES

Our **dual-pane** insulated glass package options help save on heating and cooling costs while enhancing home comfort

- In cool weather, insulated glass provides outstanding thermal performance to keep interior glass surfaces closer to room temperature, eliminating cold spots near doors
- In warm weather, it helps reduce solar heat gain and minimize glare to improve interior comfort
- Able to meet **ENERGY STAR**® requirements in all four climate zones

GLAZING TYPE	U-VALUE	SHGC	STC
LoE-366 glass, Intercept® Ultra spacer	0.29	0.20	27
LoE-366 glass, Intercept Ultra spacer, and grids	0.29	0.18	27
Argon, LoE-366 glass, Intercept Ultra spacer	0.26	0.19	27
Argon, LoE-366 glass, Intercept Ultra spacer, and grids	0.26	0.17	27
LoE-340 glass, Intercept Ultra spacer	0.29	0.14	27
LoE-340 glass, Intercept Ultra spacer, and grids	0.29	0.12	27
Argon, LoE-340 glass, Intercept Ultra spacer	0.26	0.13	27
Argon, LoE-340 glass, Intercept Ultra spacer, and grids	0.26	0.12	27

Note: Values based on 15/16" sculptured grids and tempered glass. Additional glass options are available.



PANEL OPERATION*



2-Panel



3-Panel



4-Panel

VINYL/EXTRUDED COLORS



White



Adobe

SUPERCAP SR EXTERIOR



Bronze



Silver

* View from outside looking in
X=operating; O=stationary; I=intermediate

† Silver exterior available with white interior only



OUR MISSION

Getting It Right Every Time

We build each of our products the same way we built our company: with integrity and precision. Every MI window and door is handcrafted in the United States using state-of-the-art manufacturing techniques, and is backed by vigorous in-house testing procedures. We are 100% committed to offering the styles, value, and performance you're after.

Discover everything we have to offer at miwindows.com, or by calling 1-717-365-3300.