

# PRECEDENCE<sup>®</sup>

Replacement Windows and Doors



2017 Edition

**YKK**  
**ap**<sup>®</sup> Quality  
inspires<sup>®</sup>



# PRECEDENCE®

Replacement Windows and Doors



**Precedence® vinyl replacement windows and doors from YKK AP** define a new standard for great-looking performance and value. Choose from a wide range of available styles, sizes and options—plus superior standard features, built-in energy savings and virtually no maintenance—and you'll see why Precedence replacement windows and doors are a great way to update (and upgrade) your home.





# WHY PRECEDENCE® VINYL WINDOWS & DOORS FROM YKK AP?



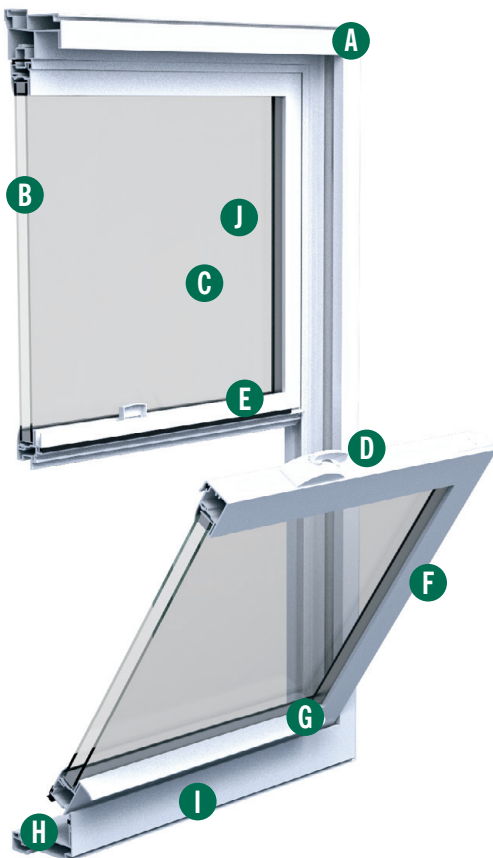
**Precedence® replacement windows and doors are ENERGY STAR-certified** and—featuring high-performance Low-E glass, double weather stripping, optional argon gas, and thermal spacer system—are designed to lower energy bills and keep homeowners comfortable through the hottest summers and coldest winters.

- **Attention to architectural detail** and an enhanced “standard” feature set included with every window and door we make adds value, performance, and beauty.
- **Require no painting or sealing**, and most windows offer easy access to outside surfaces for cleaning from inside your home.
- **Optional NEAT glass coating** makes windows and doors virtually self-cleaning.
- **Reflect the very best in vinyl window and door technology and craftsmanship available** anywhere in the world. YKK AP makes the finest proprietary vinyl extrusions, formulated for superior strength, lasting appearance, and all-weather performance.

- Unlike other U.S. manufacturers, **YKK AP uses calcium zinc as a stabilizer** in its vinyl extrusion process, matching the gold-standard process of environmentally aware European manufacturers. This process is safer for workers and better for the environment.
- The National Association of Home Builders has certified YKK AP Precedence windows with its coveted **NAHB Research Center Green Approved** designation, one of only three manufacturers meeting their strict requirements.
- Every window and door we make is the result of a **near-obsessive focus** on research and development, individual component and overall finished product quality, and rigorous testing.
- Made by YKK AP, **a globally recognized manufacturer of exceptional window and door products**. In fact, many of the world’s signature buildings contain YKK AP products. That same design, engineering, and manufacturing expertise—and our globally-earned reputation for innovation and quality—are reflected in every window and door product we create for your own home.

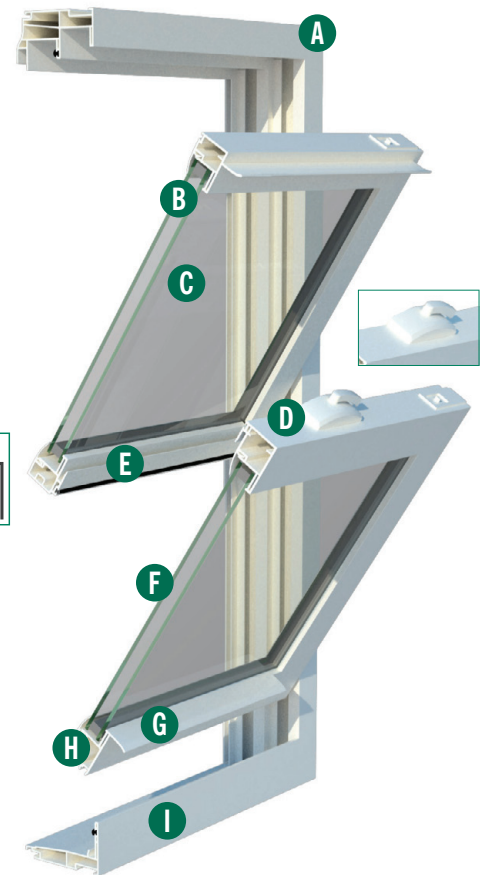


# WITH PRECEDENCE<sup>®</sup>, UPGRADED FEATURES ARE STANDARD

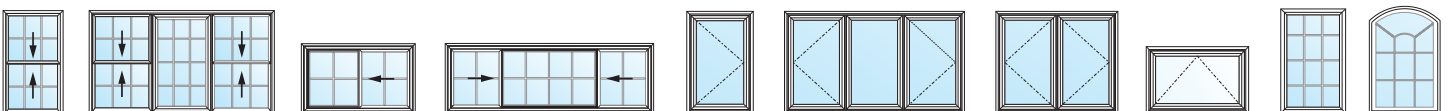


**Precedence Single-Hung Window**

- A Fusion-Welded Frame and Sash:** Provides improved structural integrity and water protection, is energy efficient, and virtually maintenance-free
- B Argon-Filled Low-E Glass:** Greatly improves thermal efficiency (optional)
- C 3/4" Insulated Glass:** Low-E and low-conductance spacers are standard for optimal thermal efficiency
- D Upgraded Hardware:** Precision-fit, corrosion-resistant locks, keepers, and latches
- E Interlocking Sash:** improves structural performance and adds security
- F Tilt-In Sash:** Makes cleaning safer and easier
- G Integral Lift Rail:** For easy sash opening and closing
- H Double Weather-Stripping:** Added protection against drafts, moisture, noise, and dust infiltration
- I Architecturally Correct Styling:** Complements your home while upgrading performance
- J Removable Upper Sash:** Renders a double-hung look while providing for simple repair or pass-through



**Precedence Double-Hung Window**



# BUILT FOR THE EVERYDAY EXTRAORDINARY

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**Precedence® HD sliding doors are crafted** to meet rigid standards for structural integrity, reliability, and performance established by the AAMA (American Architectural Manufacturers Association). Door sets are available in two-, three-, and four-panel configurations to 16 feet wide and 8 feet high. And, they're loaded with standard and available features that make them easy to install and maintain, help keep energy bills low and families comfortable, and add a beautiful architectural feature wherever used.



**A** Double Weather-Stripping

**B** Integral 1 1/4" Nail Fin

**C** Fusion-Welded Sash

**D** 7/8" Insulated Glass

**E** Argon-Filled Glazing Option

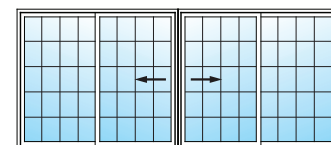
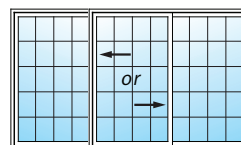
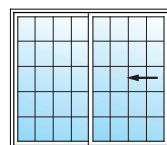
**F** 1 1/2" Adjustable Rollers with Precision Bearings

**G** Premium Handle Set with Optional Keyed Function

**H** 1 1/2" Brick Mould Option

**I** 1 1/2" Masonry Flange Option

- Heavy-Duty Construction
- Heavy-duty Extruded Screen Door
- Two-Point Lock
- Corrosion-Resistant Hardware
- Coastal Hardware Package Available





# IMPROVE ENERGY SAVINGS AND YEAR-ROUND COMFORT

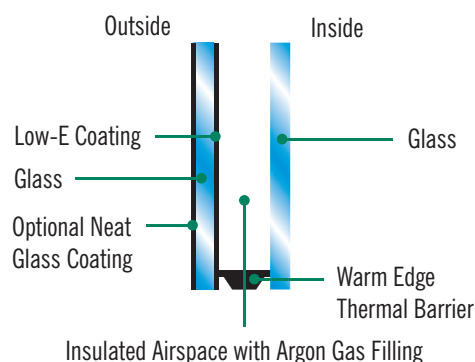


The windows in your home are a major source of energy loss—up to 25%. While traditional double-pane insulated glass helps, it's not enough. Low emissivity (Low-E) glass, a standard feature of all Precedence® replacement windows and doors, helps to keep your home warmer in the winter and cooler in the summer by reflecting heat back to its source. Additionally, our Low-E glass blocks most of the sun's damaging ultraviolet rays to help protect home furnishings from fading.



Low-E Glass Type	UV Rays Blocked	Reduces Window Heat Gain*
<b>Low-E 270 (standard)</b>	86%	50%
<b>Low-E 366 (optional)</b>	95%	64%

\* Compared to single-pane glass



For even better energy-saving performance, we fill the space between the glass panels with inert argon, a non-toxic gas more dense than air which acts as a thermal barrier and seal the space with a thermally efficient edge spacer.

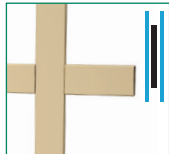
Every Precedence replacement window and door is ENERGY STAR certified, your assurance they meet strict testing standards for energy efficiency. Additionally, Precedence windows have earned the coveted National Association of Home Builders Research Center Green Approved certification. Being NAHB Green Approved certifies Precedence replacement windows contribute to sustainable building practices.



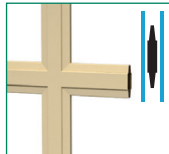
# OPTIONS FOR MORE STYLE AND PERFORMANCE

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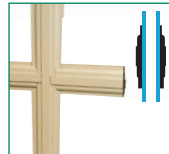
## GRID STYLES (FACE WIDTH: 7/8")



Flat Grids  
Between Glass

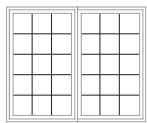


Sculptured Grids  
Between Glass



Simulated Divided  
Lights

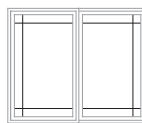
## GRID PATTERNS



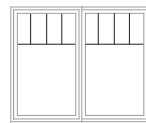
Colonial



Prairie



Perimeter  
Prairie



Valance

## HD SLIDING DOOR KEYED HANDLE SETS



White



Tan



Faux  
Bronze



Satin  
Nickel

## ENERGY EFFICIENCY GLASS

Select from two high-efficiency options to save energy and money:



270 Low-E (Standard)  
*Reduces heat gain 50% and  
blocks 86% of sun's UV rays*



366 Low-E  
*Reduces heat gain 64% and  
blocks 95% of sun's UV rays*

## PRECEDENCE® COLORS



Stone



Tan



Tuscan Bronze\*

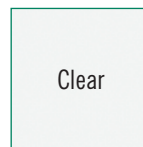


White

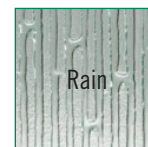
Color swatches are representative only  
\*Not available in single-hung or sliding windows at this time

## GLASS APPEARANCE

Select from three glass appearance options for enhanced style, light management, and privacy:



Clear



Rain



Obscure

## NEAT OPTION FOR EVEN LESS MAINTENANCE

All Precedence® replacement windows and doors are available with optional Neat glass: a special coating from Cardinal Industries that renders glass virtually self-cleaning. Silicon dioxide fills in the microscopic pits found on all glass surfaces. This super-smooth finish enables water to sheet rather than bead, leaving the glass almost spotless as water dries. A titanium dioxide coating reacts with UV light (even on cloudy days) to dissolve carbon-based and organic material. When window the sheeting action simply washes decomposed dirt.



**Ordinary Glass (Hydrophobic)**  
Water beads higher on rough surface of ordinary glass, causing more spots and greater cleaning needs.

**Neat Lo-E Glass (Superhydrophilic)**  
The smooth surface disperses water evenly and dirt more quickly, reducing water spots.

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# PRECEDENCE® PERFORMANCE GUARANTEED

**YKK AP stands behind every Precedence replacement window and door product** installed in your home with the strongest warranty in the industry. We provide a complete limited lifetime warranty that covers the entire window and door—no pro-rating or diminished coverage of components—for as long as you live in your home.

If anything goes wrong, it's covered per the conditions of the warranty. So you can buy with confidence, knowing that YKK AP, a leading provider of high quality architectural products around the world, stands behind your purchase. Look for the "YKK AP" etched into every glass panel, your symbol of product excellence and service.

## ENERGY STAR WINDOWS AND DOORS PERFORMANCE CRITERIA

### ENERGY STAR® Qualification Criteria for Residential Windows

Phase 2: Effective January, 2015

Climate Zone	U-Factor <sup>1</sup>	SHGC <sup>2</sup>	
Northern	≤ 0.27	Any	Prescriptive
	≤ 0.28	≥ 0.32	Equivalent Energy Performance
	≤ 0.29	≥ 0.37	
North-Central	≤ 0.30	≤ 0.40	
South-Central	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

### ENERGY STAR® Qualification Criteria for Residential Doors

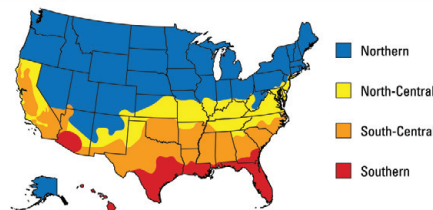
Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>
Opaque	≤ 0.17	No Rating
≤ ½-Lite	≤ 0.25	≤ 0.25
> ½-Lite	≤ 0.30	Northern and North-Central South-Central and Southern ≤ 0.40 ≤ 0.25

<sup>1</sup> Btu/h·ft<sup>2</sup>·°F

<sup>2</sup> Fraction of incident solar radiation



### ENERGY STAR® for Windows, Doors, and Skylights CLIMATE ZONE MAP



ENERGY STAR Phase 2 provides no performance guidelines for impact-resistant windows and doors.

## PRECEDENCE WINDOWS AND DOORS AIR, STRUCTURAL, WATER PERFORMANCE

Window Type	Size	Air Infiltration @ 1.57 PSF	Water PSF	Structural PSF	Structural Class	Florida Certification Number
Single-Hung	47.5 x 79.5**	0.29	7.50	52.5	DP35	17169
	52.5 x 75**	0.29	7.50	52.5	DP35	17169
	43.5 x 79.5**	0.29	7.50	75.0	DP50	17169
Triple Single-Hung (Continuous Head & Sill)	107.5 x 79.5**	0.29	7.50	52.5	DP35	17169
Double-Hung	47.5 x 79.5	0.02	7.50	37.5	DP25	—
	52.5 x 75.0	0.02	7.50	52.5	DP35	14591
	43.5 x 79.5**	0.02	7.50	75.0	DP50	11382
XX Slider	95.5 x 59.5	0.07	7.50	52.5	DP35	12286
Picture	71.5 x 95.5	0.00	7.50	75.0	DP50	11384
Casement	35.5 x 71.5**	0.01	7.50	75.0	DP50	15153
OX HD Sliding Door	96 x 96	0.12	7.50	75.0	DP50	16605
XX HD Sliding Door	96 x 96	0.02	7.50	75.0	DP50	16605
OXO HD Sliding Door	144 x 96	0.07	6.89	75.0	DP45	16605
OXO* HD Sliding Door	144 x 96	0.07	7.50	75.0	DP50	16605
OXO HD Sliding Door	192 x 96	0.10	6.89	75.0	DP45	16605
OXO* HD Sliding Door	192 x 96	0.10	7.50	75.0	DP50	16605

\* with sill dam extender  
\*\* reinforced

## PRECEDENCE WINDOWS AND DOORS THERMAL PERFORMANCE

To determine thermal performance ratings, enter product specifications in



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[www.ykkap.com/residential](http://www.ykkap.com/residential)

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