

PATIO DOOR

C O L L E C T I O N

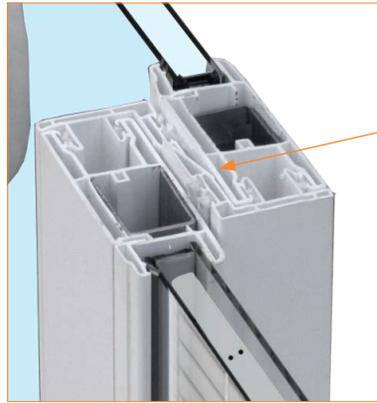
By Okna Windows

Elegante



The Elegante Patio Doors are an ideal solution for adding light and the impression of open space to any room. Available in replacement and new construction applications, this elegant design combines the security of structural integrity and the comfort of energy efficiency. A host of options increase the versatility of this product.

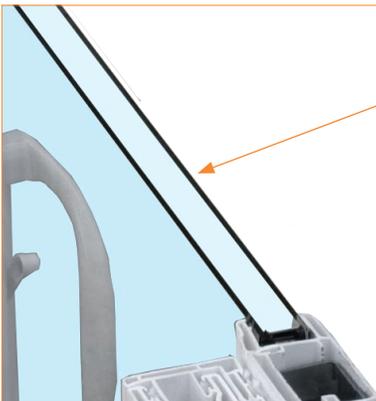
What Makes OKNA Elegante & Forester Patio Doors So Impressive? Superior Engineering



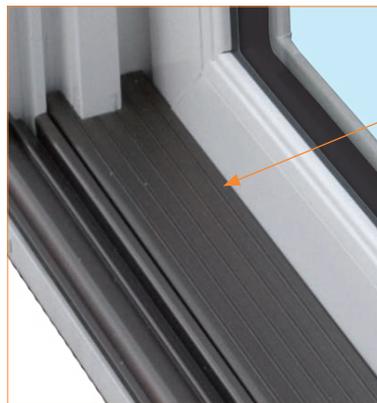
Interlocking meeting rail system with quadruple weather-stripping for controlling infiltration of air, water, dust, and noise. Full length heavy gauge reinforcements in meeting rails and pull rail provide great rigidity and strength.



Operating sash is equipped with adjustable, precision bearing tandem rollers for a smooth and quiet operation.



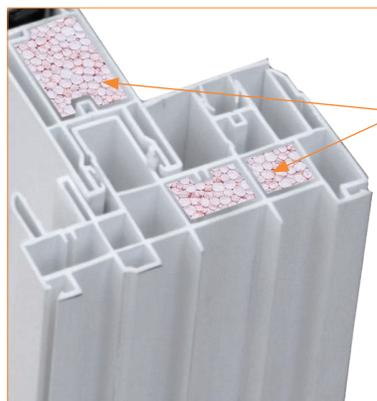
Insulated 4 mm thick glass with our HeatSeal Spacer gives your home excellent thermal efficiency, strength and drastic reduction of condensation.



Anodized aluminum screen track, roller track, and threshold for increased strength, durability, and longevity along with an elegant appearance.



Mini blinds inside insulated glass unit. (Optional)



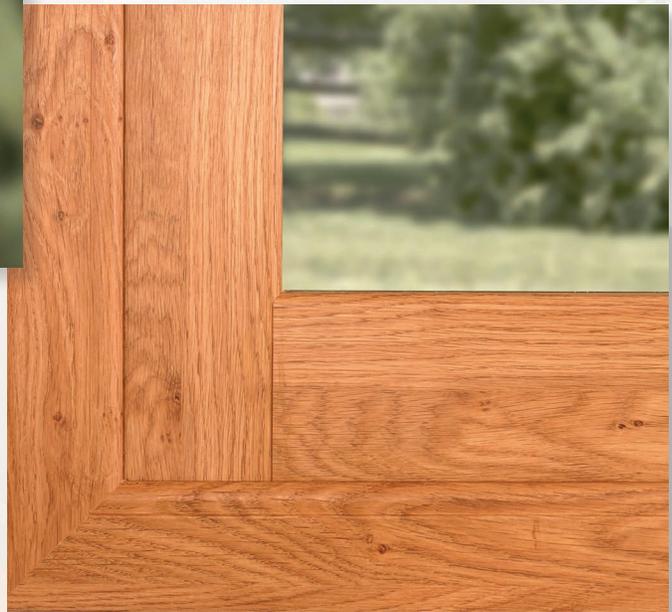
Thermally welded multi-chambered 5-5/8" main frame provides superior strength and thermal insulation. Optional foam filled insulated extrusions increase thermal efficiency.

Multi Point Locking System for increased security. (Optional) (See Options Page)

Available in Replacement and New Construction applications.



Forester



The perfect blend of beauty and functionality. Our Forester Patio Doors combine all of our incredible structural and thermal performance features while maintaining the traditional look of a true wood door.

Elegante and Forester Hardware

Merit Lock System

The Merit Lock System is our standard option for all patio doors. This classic style handle accentuates the traditional look of our doors and fits in with any decor. Okna offers six handle colors to choose from.



Euro-White
(Standard)



Almond
*(Standard on
Winchester)*



Cocoa
*(Standard on Melrose
Cherry and Dark Oak)*



Antique Brass
(Optional)



Brushed Nickel
(Optional)



Matte Bronze
(Optional)

Intuition Lock System *(Optional)*

The ergonomic ONE-MOTION operation allows the homeowner to unlock and open the door in a single fluid motion; in reverse, the door closes and locks in the same motion. Using a modern design that eliminates the lever, the handle does not protrude into the glass area, enhancing the sight lines of any sliding door.



Euro-White



Almond



Cocoa



Antique Brass



Brushed Nickel



Matte Bronze

Exterior Hardware

We offer two options for exterior hardware on your patio door, locking exterior and non-locking exterior. The non-locking exterior handle is standard on our patio doors. The locking exterior handle is an optional upgrade. Our exterior hardware is available in the following 4 colors:

Euro-White (Standard)
Almond (Optional)
Cocoa (Optional)
Matte Bronze (Optional)

If you have a custom exterior color on your patio door, we will pick one of the hardware options to best match the color.



Multi Point Locking System

Okna Patio Doors come with the option of upgrading to a Multi Point Locking System. This system offers four locking points on the patio door for added security. The Multi Point Locking System is used with locking exterior hardware only.

Optional Foot Lock

Push Button Spring-Loaded Foot Lock is easy to lock and can be set to allow ventilation while having extra security. Available in Euro-White, Almond, and Cocoa.



Optional Foot Lock
(Cocoa)

Elegante and Forester PD Options

Screens

ThruVision Plus® is our fiberglass improved visibility screen. This product does for windows and doors what high-definition technology has done for television viewing: it improves the view by making it sharper and more vivid.



Industry Average Screen



ThruVision PLUS®
Standard on all
OKNA Products

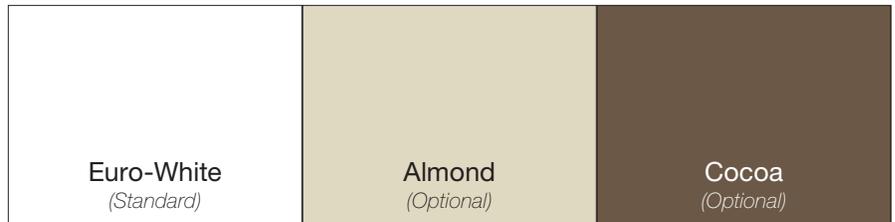
Pet-Resistant Screen

“Pet Screen” is seven times stronger than traditional insect screening and offers excellent outward visibility. Ideal also for high traffic areas.



Okna Windows offers four beautiful internal laminates in addition to the standard Euro-White to give your home a distinct look and enhance its curb appeal. You can also special order custom exterior colors from a virtually unlimited selection of paints. Our paints are environmentally safe and durable, giving your exterior a vibrant and long-lasting color finish.

Solid Color Doors (Same Interior and Exterior Color)



Euro-White
(Standard)

Almond
(Optional)

Cocoa
(Optional)

Interior Woodgrain Laminates

All of our beautiful woodgrain laminates are available on solid Euro-White doors. Winchester, Dark Oak, and Melrose Cherry are also available on solid Almond doors.



Natural
(Optional)

Winchester
(Optional)

Dark Oak
(Optional)

Melrose Cherry
(Optional)

Exterior Colors



Almond
(Optional)

Sandstone
(Optional)

Terra Brown
(Optional)

Cocoa
(Optional)

Basic Brown
(Optional)

Bronze
(Optional)

Custom Colors
(Optional)

Internal grids not available with custom colors. Printed colors may not match the product's actual color. Please visit a local dealer to view actual color samples.

Grids

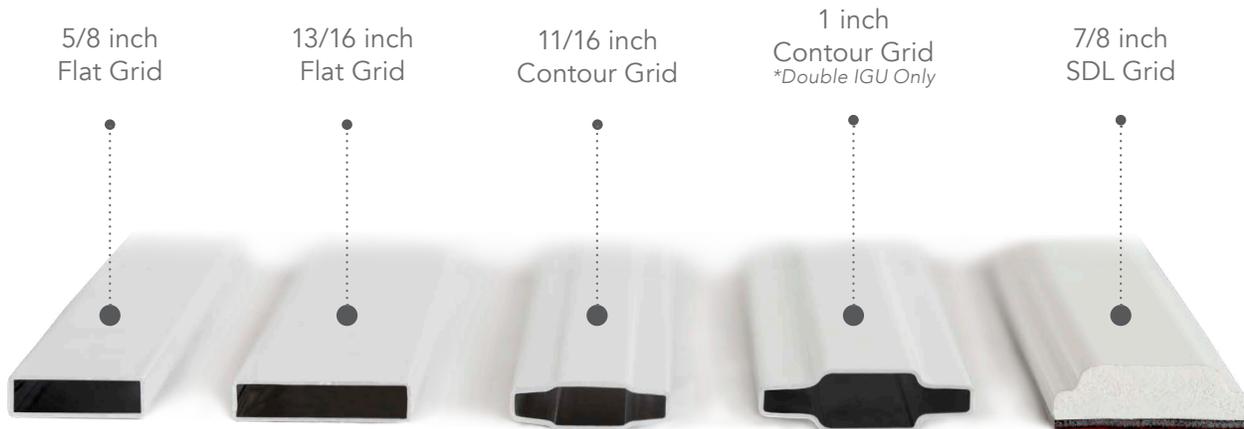
Looking for a stunning design to instantly set your home apart both inside and out? A choice of decorative grids can highlight the architectural style that speaks to you.

GBG (grids between glass) consist of aluminum bars sealed in the insulating airspace between the two panes of glass. Because the interior and exterior glass surfaces are not affected, cleaning your windows is a much easier task. GBG grids on two tone windows are available with matching interior and exterior colors.

Simulated Divided Lites (SDL)

Permanent interior and exterior grids will provide a truly authentic look. Interior grids are available in a Euro-White color or Wood Laminate. External grids are available in Euro-White or colors to match products exterior.

SDL not available with triple pane glass packages.



Retractable Mini Blinds

Our retractable Mini Blinds installed between the glass allow homeowners to control privacy and sunlight by raising, lowering, and adjusting tilting. Grids are not available with mini blinds.

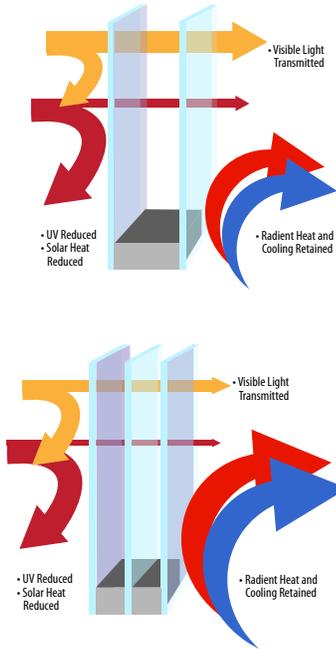


HeatSeal® Glass System

Glass unit is probably the most important element of your new patio door. It is about 90% of the whole door. Your decision will dramatically effect your living comfort and expenses for many years.

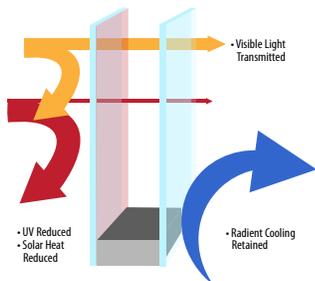
High Performance Reflective Glass Coatings

HeatSeal Glass



In climates where heating and cooling are the primary concern, HeatSeal Glass products are designed to take advantage of free solar heat, resulting in higher inside glass temperature. Passive solar and thermal insulation reduce the draft sensation caused by cold glass surfaces, providing windows that reduce heating costs.

SunSeal Glass

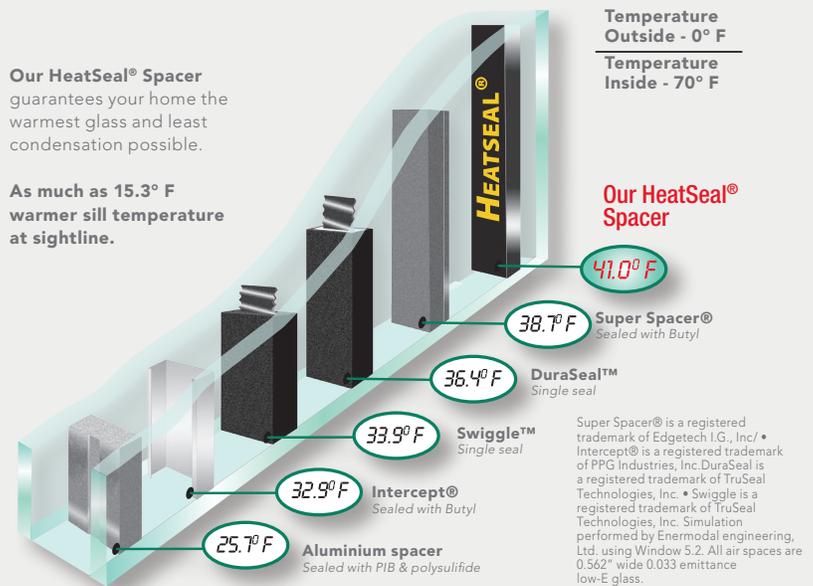


In climates where cooling is your main concern, SunSeal Glass products are designed to reduce solar heat while still providing color-neutrality. This solar control property, combined with thermal insulating benefits, results in beautiful, natural-looking glass that helps keep air conditioning costs low.

High Performance HeatSeal® Spacer

The glass panes are separated by a “spacer”. A spacer is the piece that is located between panels of glass in an insulating glass system. Its main function is to seal the gas space between them. Majority of windows, unlike Okna Windows and Doors, are made with metal spacers. The main disadvantage to metal spacers is energy loss and condensation.

Our HeatSeal® Spacer and sealant system is made with six individual non-metallic components. Produced in a controlled factory setting and comes ready to use, out of the box: no assembly and no adding other components. Used in OKNA’s state-of-the-art robotic assembly line, our spacer is applied with a one-step process where units are sealed using heat and compression. Our HeatSeal® Spacer guarantees your home the warmest glass and least condensation possible.



Examples of Condensation:

Our HeatSeal® spacer can significantly reduce condensation in comfortable humidity level. Water and ice forming can lead to mold growth.



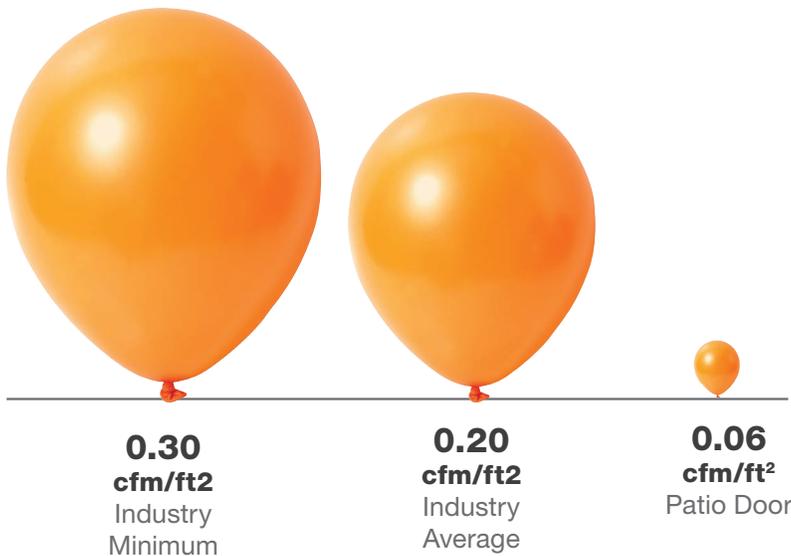
When you purchase a patio door that is advertised as the most energy efficient, you want to be sure the claims are based on facts, certified by a truly independent and objective authority. Their unbiased test results educate purchasers allowing them to make a more educated choice.



The AAMA Certification Program is the only program in the window and door industry that requires that components used in the finished window and door assembly pass their own set of performance tests. The program also requires the use of AAMA-accredited certification agencies, such as Keystone Certifications Inc., so that tests are performed by qualified, experienced professionals using properly calibrated equipment. Also, there are two surprise manufacturing plant inspections every year

that offer added quality assurance that translates to peace of mind.

If you demand windows and doors that meet stringent performance standards, just look for the AAMA/Keystone Certification Label which tells you that a sample of the unit passed required performance tests for resistance to air leakage, water penetration and wind pressure. OKNA Windows is using Keystone Certifications Inc. for AAMA testing and ratings. For more information on our window testing, go to www.keystonecerts.com.



Air Infiltration

Air Infiltration/drafts is a term used to describe the air leaking into or out of your home through the window frames. The graph shows the amount of air in cubic feet that may come through the window at speeds of 25mph.

The results are based on a tested window sample by AAMA testing window guidelines. Title of Test & Method: Air Infiltration - ASTM E 283 75 PA - (1.6 psf) 25 mph.

| Structural Performance | Elegante (71" x 80") | Industry Minimum | Comparison To Industry Minimum |
|---|-------------------------|---------------------|--------------------------------------|
| AAMA Rating <small>Specifies a window/door's resistance to wind and other dynamic pressures. The higher the DP rating the stronger the window/door.</small> | R60 | R15 | |
| Air Infiltration (cfm/ft²) <small>The amount of air in cubic feet per minute that may come through the window/door at speeds of 25mph.</small> | 0.06 | 0.30 | 500% Better |
| Water Penetration (mph) <small>Specifies wind load pressure in mph a window/door can withstand without leaking, under rain equivalent to 8" per hour.</small> | 59 | 33 | 79% Better |
| Structural Integrity (mph) <small>Wind load in mph the window/door can withstand before breaking.</small> | 187 | 94 | 99% Better |

OKNA Patio Door's Gold Label AAMA Certification



Keystone Certification Program
An ANSI Accredited Certifier
Accreditation #0612
Std: AAMA/WDMA/CSA 101/IS2/A440-05

NFRC Performance Ratings

All values based on tested patio door without grids.

BASIC

ENERGY SAVING PACKAGE
with ARGON Gas

- Heat Seal® Glass System
Double Pane Glass Unit - ARGON Gas

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7800 880PDC - Elegant Patio Door Custom Size (880PDC) Vinyl Frame • 1" Insulated Glass Unit • Low-E • 10 • Argon Gas Sliding Glass Doors OKW - E-31-0007-0001 CERTIFIED | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S.I.-P) | Solar Heat Gain Coefficient |
| 0.27 | 0.27 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S.I.-P) |
| 0.49 | ≤ 0.3 |
| <small>Manufacturer declares that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult Manufacturer's literature for other product performance information. www.nfrc.org</small> | |
|  ENERGY STAR® Certified in All 50 States | |

DELUXE

ENERGY SAVING PACKAGE
with ARGON Gas

- Heat Seal® Glass System
Double Pane Glass Unit - ARGON Gas
- Foam Filled Extrusions

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7800 880PDC - Elegant Patio Door Custom Size (880PDC) Vinyl Frame Foam Filled • 1" Insulated Glass Unit • Low-E • 10 • Argon Gas Sliding Glass Doors OKW - E-31-0007-0001 CERTIFIED | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S.I.-P) | Solar Heat Gain Coefficient |
| 0.26 | 0.27 |
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SUPER DELUXE

ENERGY SAVING PACKAGE
with ARGON Gas

- Heat Seal® Super Glass System
Triple Pane Glass Unit - ARGON Gas
- Foam Filled Extrusions

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7800 880PDC - Elegant Patio Door Custom Size (880PDC) Vinyl Frame Foam Filled • 1" 316" Insulated Glass Unit • Triple Low-E • 10 • Argon Gas Sliding Glass Doors OKW - E-31-0007-0001 CERTIFIED | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S.I.-P) | Solar Heat Gain Coefficient |
| 0.19 | 0.23 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S.I.-P) |
| 0.38 | ≤ 0.3 |
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|  ENERGY STAR® Certified in All 50 States | |

SUPER DELUXE

ENERGY SAVING PACKAGE
with KRYPTON Gas

- Heat Seal® Super Glass System
Triple Pane Glass Unit - KRYPTON Gas
- Foam Filled Extrusions

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7800 880PDC - Elegant Patio Door Custom Size (880PDC) Vinyl Frame Foam Filled • 1" 316" Insulated Glass Unit • Triple Low-E • 10 • Krypton Gas Sliding Glass Doors OKW - E-31-0007-0001 CERTIFIED | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S.I.-P) | Solar Heat Gain Coefficient |
| 0.16 | 0.23 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S.I.-P) |
| 0.38 | ≤ 0.3 |
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|  ENERGY STAR® Certified in All 50 States | |

SUNSEAL GLASS is specifically designed for homes in the southern climate.

SUNSEAL BASIC

with ARGON Gas

- SunSeal® Glass System
Double Pane Glass Unit

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7800 880PDC - Elegant Patio Door Custom Size (880PDC) Vinyl Frame • 1" Insulated Glass Unit • Sun Seal High Perf Glass • Argon Gas Sliding Glass Doors OKW - E-31-0007-0001 CERTIFIED | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S.I.-P) | Solar Heat Gain Coefficient |
| 0.27 | 0.19 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S.I.-P) |
| 0.38 | ≤ 0.3 |
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|  ENERGY STAR® Certified in All 50 States | |

SUNSEAL DELUXE

with ARGON Gas

- SunSeal® Glass System
Double Pane Glass Unit
- Foam Filled Extrusions

| | |
|---|-----------------------------|
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| ENERGY PERFORMANCE RATINGS | |
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|  ENERGY STAR® Certified in All 50 States | |



The ENERGY STAR Most Efficient designation is an extension of the ENERGY STAR® brand and is designed to recognize and advance the most efficient products among those that qualify for the ENERGY STAR. This recognition is offered for specific categories and awarded for a specific year.

The goal of this effort is to encourage new, more energy-efficient products into the market more quickly by targeting early adopters. Each year, EPA will establish criteria for specific product categories to earn Most Efficient recognition. Products that are recognized as ENERGY STAR Most Efficient must already qualify for the ENERGY STAR label.

OKNA Windows proudly displays ENERGY STAR MOST EFFICIENT on our products.



All result numbers are based on tested window/door sample by NFRC and AAMA testing window/door guidelines. Use for comparison purposes only. Actual values may vary depending on installation, size of the window/door, and other conditions. All illustrations, photographs, and specifications in this publication are based on the latest product information available at the time of printing. Some windows/doors shown with optional features. See the actual product for complete accuracy. The manufacturer reserves the right to alter or discontinue any model or specification without notice. Printed colors may not match the product's actual color. Please visit a local dealer to view actual color samples.