

Elegante and Forester

By OKNA Windows

8800 PATIO DOOR SERIES

HEATSEAL® DELUXE PACKAGE -ARGON GAS

Double Pane Glass Unit
No Foam
Without Grids

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7000 8800PD - Elegante Patio Door Catalog Size (8800PD) Vinyl Frame • 1" Insulated Glass Unit • Low-E High Perf. Glass with Argon Gas Sliding Glass Doors OKW-K-31-00002-00001 | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S./I-P) | Solar Heat Gain Coefficient |
| 0.26 | 0.27 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S./I-P) |
| 0.49 | ≤ 0.3 |
| <small>Manufacturer stipulates 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> | |

HEATSEAL® SUPER DELUXE -ARGON GAS

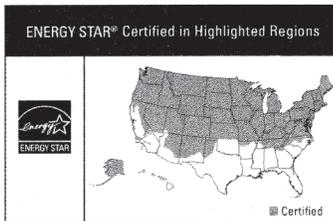
Triple Pane Glass Unit
No Foam
Without Grids

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7000 8800PD - Elegante Patio Door Catalog Size (8800PD) Vinyl Frame • 1 3/16" Insulated Glass Unit • Triple Low-E IG + Argon Gas Sliding Glass Doors OKW-K-31-00003-00001 | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S./I-P) | Solar Heat Gain Coefficient |
| 0.20 | 0.23 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S./I-P) |
| 0.38 | ≤ 0.3 |
| <small>Manufacturer stipulates 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> | |

HEATSEAL® SUPER DELUXE K -KRYPTON GAS

Triple Pane Glass Unit
Foam Filled Extrusions
Without Grids

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|---|-----------------------------|
|  Okna Windows & Doors 215-788-7000 8800PD - Elegante Patio Door Catalog Size (8800PD) Vinyl Frame • 1 3/16" Insulated Glass Unit • Triple Low-E IG + Krypton Gas Sliding Glass Doors OKW-K-31-00004-00001 | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S./I-P) | Solar Heat Gain Coefficient |
| 0.17 | 0.23 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S./I-P) |
| 0.38 | ≤ 0.3 |
| <small>Manufacturer stipulates 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> | |



SUNSEAL BASIC PACKAGE -ARGON GAS

Double Pane Glass Unit
No Foam
Without Grids

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7000 8800PDC - Elegante Patio Door Custom Size (8800PDC) Vinyl Frame • 1" Insulated Glass Unit • Sun Seal High Perf. Glass + Argon Gas Sliding Glass Doors OKW-K-31-00007-00001 | |
| 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 |
| <small>Manufacturer stipulates 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 | |

SUNSEAL DELUXE PACKAGE -ARGON GAS

Double Pane Glass Unit
Foam Filled Extrusions
Without Grids

| | |
|---|-----------------------------|
|  Okna Windows & Doors 215-788-7000 8800PDC - Elegante Patio Door Custom Size (8800PDC) Vinyl Frame Foam Filled • 1" Insulated Glass Unit • Sun Seal High Perf. Glass + Argon Gas Sliding Glass Doors OKW-K-31-00007-00001 | |
| ENERGY PERFORMANCE RATINGS | |
| U-Factor (U.S./I-P) | Solar Heat Gain Coefficient |
| 0.26 | 0.19 |
| ADDITIONAL PERFORMANCE RATINGS | |
| Visible Transmittance | Air Leakage (U.S./I-P) |
| 0.38 | ≤ 0.3 |
| <small>Manufacturer stipulates 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 | |

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.

Thermal Performance

| | U-Value | SHGC | VT | Condensation Resistance |
|---|---------|------|------|-------------------------|
| Clear/Clear | 0.43 | 0.54 | 0.57 | 47 |
| HeatSeal Basic Package | 0.27 | 0.27 | 0.49 | 63 |
| Deluxe HeatSeal ESP | 0.26 | 0.27 | 0.49 | 63 |
| Deluxe HeatSeal Super ESP w/Argon Gas (XR15 - 1-1/16") | 0.20 | 0.23 | 0.38 | 68 |
| Deluxe HeatSeal Super ESP w/ Krypton Gas (XR10 - 15/16") | 0.17 | 0.23 | 0.38 | 68 |
| SunSeal Basic Package | 0.27 | 0.19 | 0.38 | 63 |
| Deluxe SunSeal ESP | 0.26 | 0.19 | 0.38 | 63 |

Numbers are based off of windows tested without grids. For windows with grids, please contact your certified dealer to obtain thermal performance numbers.

When you purchase a window or 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 allow homeowners to make a more educated choice.

All OKNA windows and doors meet rigorous North American Fenestration Standard (NAFS).

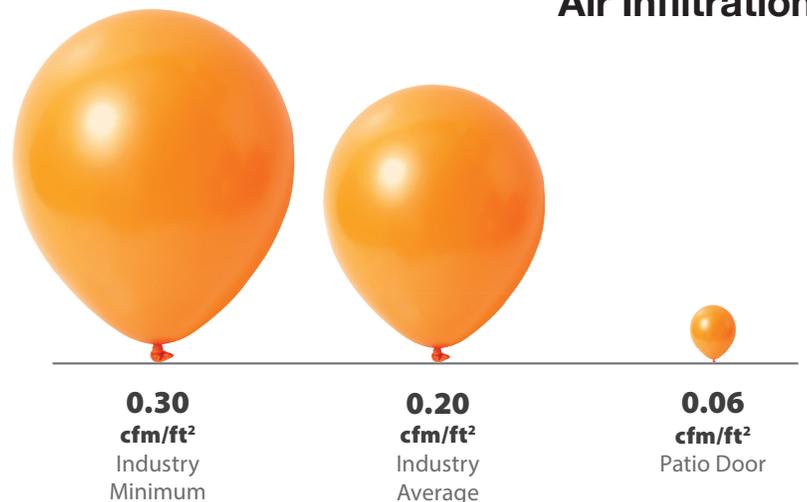
Certification is performed by **The Keystone Certification Program** that is ANSI-accredited to ensure that our products are manufactured as represented by their certifications, which are based on tests performed by accredited laboratories in accordance with the AAMA/WDMA/CSA 101/IS2/A440 – North American Fenestration Standard (NAFS). The NAFS standard defines a rating scale for fenestration product performance, and requires that components used in window & door assemblies also meet stringent component standards. Certification includes annual inspections to ensure the factory quality management system also meets rigid standards - that translates to homeowner peace of mind.



Structural Performance

| | Industry Minimum | OKNA | Comparison to Industry Minimum |
|---|------------------|-------------|--------------------------------|
| NAFS Rating | R15 | R60 | |
| Air Infiltration (cfm/ft ²) <i>at speed of 25 mph</i> | 0.3 | 0.06 | 500% better |
| Water Penetration (mph) <i>8" per hour</i> | 33 | 59 | 79% better |
| Structural Integrity (mph) <i>Wind Load</i> | 94 | 187 | 99% better |

Air Infiltration



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