



THERMAL PERFORMANCE PACKAGES

HEATSEAL® DELUXE

VINYL FRAME • FOAM FILL • LOW-E GLASS
3/4" DOUBLE PANE IGU • ARGON GAS (90)



No Grids, Locking Screen

 Okna Windows & Doors 215-788-7000 DH600dx Welded Double Hung ECO-PRO • DeLuxe (DH600dx) Vinyl Frame • 3/4" Insulated Glass Unit • Low-E High Perf. Glass with Argon Gas Vertical Slider Window 	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.27	0.29
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.53	63
<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 a 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® TRIPLE DELUXE XR15

VINYL FRAME • FOAM FILL • LOW-E GLASS
1 1/16" TRIPLE PANE IGU • ARGON GAS (90)



No Grids, Locking Screen

 Okna Windows & Doors 215-788-7000 DH600dx Welded Double Hung ECO-PRO • DeLuxe (DH600dx) Vinyl Frame Foam Filled • 1 1/16" Insulated Glass Unit • Triple IG • Argon Gas Vertical Slider Window 	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.19	0.25
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.41	75
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HEATSEAL® TRIPLE DELUXE XR10

VINYL FRAME • FOAM FILL • LOW-E GLASS
1 5/16" TRIPLE PANE IGU • KRYPTON GAS (90)

No Grids, Locking Screen

 Okna Windows & Doors 215-788-7000 DH600dx Welded Double Hung ECO-PRO • DeLuxe (DH600dx) Vinyl Frame Foam Filled • 1 5/16" Insulated Glass Unit • Triple IG • Krypton Gas Vertical Slider Window 	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.17	0.25
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.41	76
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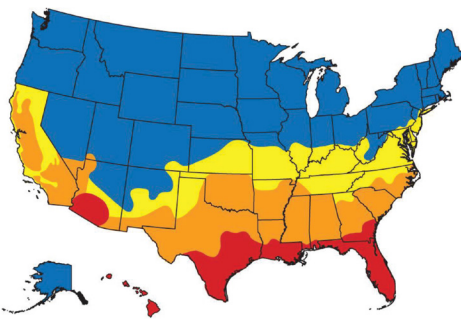
QUALIFICATION:

- Northern
- North-Central



QUALIFICATION:

- Northern
- North-Central





- Northern
- North-Central
- South-Central
- Southern

SUNSEAL®

VINYL FRAME • HIGH PERF. GLASS
3/4" DOUBLE PANE IGU • ARGON GAS (90)

No Grids

 Okna Windows & Doors 215-788-7000 DH600 Welded Double Hung ECO-PRO (DH600) Vinyl Frame • 3/4" Insulated Glass Unit • Low-E High Perf. SunSeal Glass with Argon Gas Vertical Slider Window 	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.28	0.21
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.42	62
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QUALIFICATION:

- South-Central
- Southern

SUNSEAL® DELUXE

VINYL FRAME • FOAM FILL • HIGH PERF. GLASS
3/4" DOUBLE PANE IGU • ARGON GAS (90)

No Grids, Locking Screen

 Okna Windows & Doors 215-788-7000 DH600dx Welded Double Hung ECO-PRO • DeLuxe (DH600dx) Vinyl Frame • 3/4" Insulated Glass Unit • Low-E High Perf. SunSeal Glass with Argon Gas Vertical Slider Window 	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.27	0.21
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.42	63
<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 a 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>	



QUALIFICATION:

- South-Central
- Southern



OKNA Windows
400 Crossings Drive
Bristol, PA 19007
P 215-788-7000
F 215-781-1166
oknawindows.com

THERMAL PERFORMANCE PACKAGES

	U-Value	SHGC	VT	Condensation Resistance
HEATSEAL®	0.29	0.29	0.53	62
HEATSEAL® DELUXE	0.27	0.29	0.53	63
HEATSEAL® TRIPLE DELUXE XR15 (1 1/16" - Argon Gas)	0.19	0.25	0.41	75
HEATSEAL® TRIPLE DELUXE XR10 (1 5/16" - Krypton Gas)	0.17	0.25	0.41	76
SUNSEAL®	0.28	0.21	0.42	62
SUNSEAL® DELUXE	0.27	0.21	0.42	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.

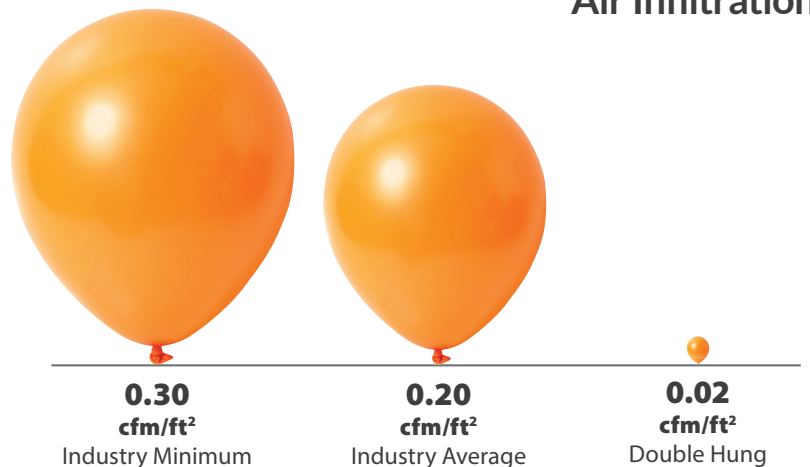


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STRUCTURAL PERFORMANCE

	Industry Minimum	OKNA DH600	Comparison to Industry Minimum
NAFS Rating Residential Grade Performance for air/water/structural.	R15	R50	
Air Infiltration (cfm/ft²) at speeds of 25mph.	0.3	0.02	15 times better
Water Penetration (mph) 8" per hour.	33	54	64% better
Structural Integrity Design Pressure (DP) Wind (mph) durability before breaking.	94	171	82% 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