

Air infiltration/drafts is a term used to describe the air leaking into or out of your home through the window frames.

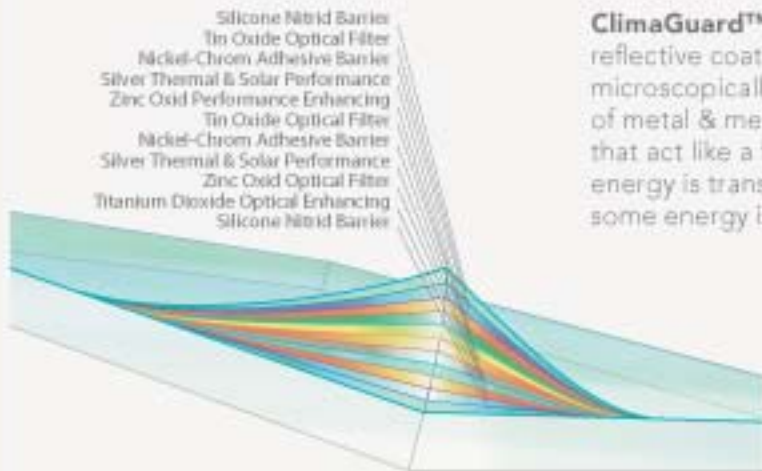
"Reduced air infiltration combined with proper ventilation can not only reduce your energy bills but it can also improve the quality of your indoor air. Outdoor air that leaks indoors makes it difficult to maintain comfort and energy efficiency. In addition, air leakage accounts for 25-40% of the energy used for heating and cooling in a typical home."

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 - (16.pdf) 25 mph

*US Department of Energy - www.envirostar.com/index.cfm?nav=Home_features/low_e_reduced_air_infiltration



ClimaGuard™ is a trademark of Guardian Industries Corp.

ClimaGuard™ heat reflective coatings are microscopically thin layers of metal & metal oxide that act like a filter – some energy is transmitted, some energy is reflected.



ClimaGuard™ heat reflective coating

Our Heatseal® Spacer gives your home excellent thermal efficiency and drastic reduction of condensation.

As much as 15.3 F warmer seal temperature at sightline.

Super Spacer® is a registered trademark of Edgetech I.G., Inc. • Intercept® is a registered trademark of PPG Industries, Inc. DuraSeal is a registered trademark of TruSeal Technologies, Inc. • Swiggle is a registered trademark of TruSeal Technologies, Inc. Simulation performed by Enermodal engineering Ltd. using Window 5.2. All air spaces are 0.562" wide 0.033 emittance low-E glass.



GREAT ENGINEERING – IMPRESSIVE RESULTS



Magnetic Seals (shown in light blue), similar to those used in refrigerators, eliminate drafts and greatly improve the thermal performance of our windows.



Additional high density composite stiffener (shown in blue) inside the upper part of the sash makes our windows structurally stronger than other windows available on the market.

BALANCE SYSTEM

(Values based on Double Hung Windows)

Power Lift 28,000

Constant Force

5,000

POWERLIFT (Block-and-Tackle) balance system used in our windows can achieve life cycles as high as 28,000 cycles. Constant Force commonly used by other window manufacturers only achieves 5,000 cycles.*

*Based on test performed by BSI

STRUCTURAL PERFORMANCE (DOUBLE HUNG)

	800 Series	Industry Minimum	Comparison to Industry Minimum
AAMA RATING (40x63)	R 60	R15	
AIR INFILTRATION (cm/ft ²)	0.01	0.3	3000% Better
WATER PENETRATION (mph)	59	33	79% Better
STRUCTURAL INTEGRITY (mph)	187	94	99% Better

The results are based on a tested window sample by AAMA testing window guidelines. Title of Test 6-Method: Air Infiltration - ASTM E 283-75/01 - (1.6 pf) 25 mph

DELUXE PACKAGE:

- Energy Saving Package
- Foam Filled Insulated Extrusions
- Locking Screen

Insulation type may vary during the manufacturing process.



TRIPLE PANE GLASS PACKAGE (Double Hung)

with Deluxe Package offers **33% better U-value** than Energy Star Requirements

Based on .30 U-Value which is the new Energy Star requirements for the Northern Region.

THERMAL PERFORMANCE (DOUBLE HUNG)

Energy Saving Glass
Double Pane
Argon Gas

Deluxe Package
Double Pane
Argon Gas

Deluxe Package
Triple Pane
Argon Gas



All results numbers are based on tested window samples by NFRC and AAMA testing window guidelines. Use for comparative purposes only. Actual values may vary depending on installation, size of the window, 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 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.