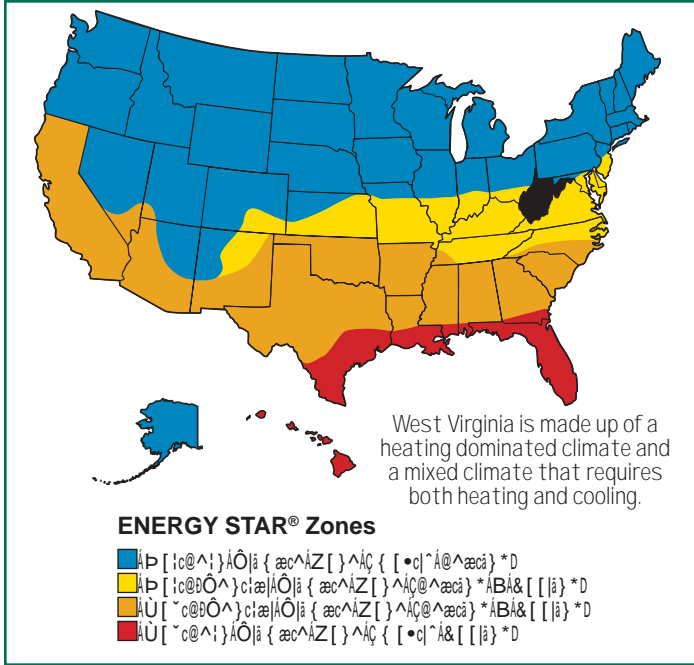




Fact Sheet: Selecting Energy Efficient Windows in West Virginia

www.efficientwindows.org

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Benefits of High Performance Windows

Cooling and Heating Season Savings

High performance windows can reduce heating and cooling energy costs by up to 10%.

Improved Daylight and View

High performance windows provide clear views and abundant natural light, reducing the need for artificial lighting.

Improved Comfort

High performance windows reduce drafts and improve indoor air quality, leading to a more comfortable living environment.

Reduced Condensation

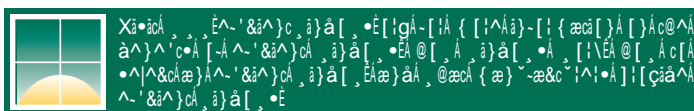
High performance windows have low U-factors, which help prevent condensation on the interior surface of the glass.

Reduced Fading

High performance windows feature UV-protective coatings that help prevent fading of interior furnishings.

Lower Mechanical Equipment Costs

High performance windows reduce the load on heating and cooling systems, leading to lower equipment costs and longer lifespans.



1. Look for the ENERGY STAR®

The ENERGY STAR logo is a mark of excellence for energy efficiency. It is awarded to products that meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE).



2. Look for Efficient Window Properties on the NFRC Label

The National Fenestration Rating Council (NFRC) label provides detailed information about a window's performance. Key ratings include U-Factor, Solar Heat Gain Coefficient (SHGC), Visible Transmittance (VT), Air Leakage (AL), and Condensation Resistance (CR).

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./IP)	Solar Heat Gain Coefficient
0.35	0.32
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./IP)
0.51	0.2
Condensation Resistance	
51	—

Manufacturer declares that these ratings conform to applicable NFRC procedures for determining window product performance. NFRC ratings are determined on a basis of laboratory 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

3. Compare Annual Energy Costs for a Typical House

Comparing annual energy costs for a typical house can help homeowners understand the potential savings from high performance windows. Factors like climate, house size, and window type all influence energy costs.



4. Customize Energy Use for a Specific House

Customizing energy use for a specific house involves considering unique factors like local climate, house orientation, and existing window conditions. This allows for more accurate energy cost estimates.

