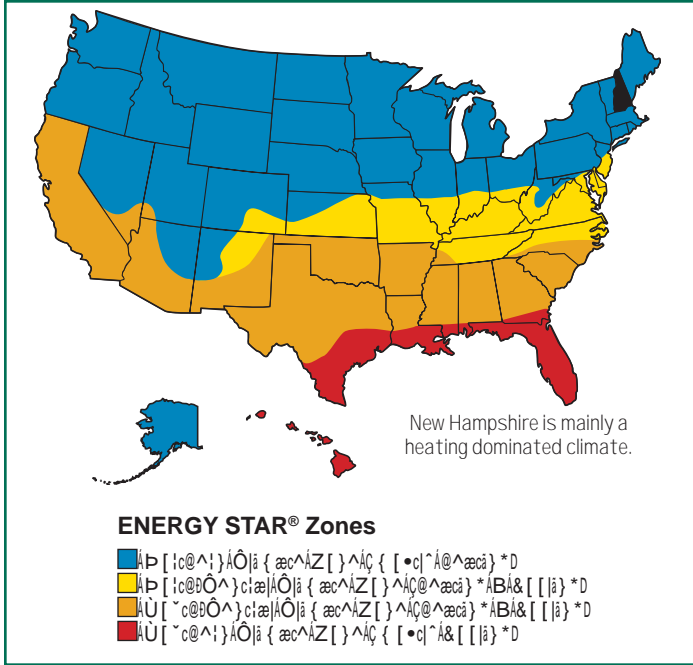


Fact Sheet: Selecting Energy Efficient Windows in New Hampshire

www.collaborativeefficientwindows.com

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Benefits of High Performance Windows

Cooling and Heating Season Savings

High performance windows reduce energy costs by minimizing heat loss in winter and heat gain in summer.

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 hot/cold spots, creating a more comfortable indoor environment.

Reduced Condensation

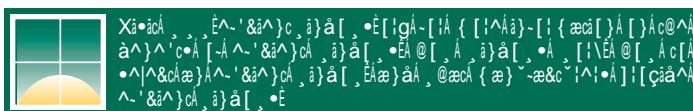
High performance windows have low U-values, reducing the risk of condensation on the interior glass surface.

Reduced Fading

High performance windows feature UV-inhibiting coatings that help protect interior furnishings from fading.

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) provides a standardized way to compare window performance. The NFRC label includes the following information:

- U-Factor (U.S./IP):** 0.35
- Solar Heat Gain Coefficient (SHGC):** 0.32
- Visible Transmittance (VT):** 0.51
- Air Leakage (U.S./IP):** 0.2
- Condensation Resistance (CR):** 51

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	—

3. Compare Annual Energy Costs for a Typical House

ENERGY STAR provides a tool to compare the annual energy costs for a typical house with different window options. This tool helps homeowners understand the long-term savings of high performance windows.



4. Customize Energy Use for a Specific House

The ENERGY STAR tool allows users to customize energy use for a specific house by inputting details such as climate, house size, and window types. This provides a more accurate estimate of energy costs.

