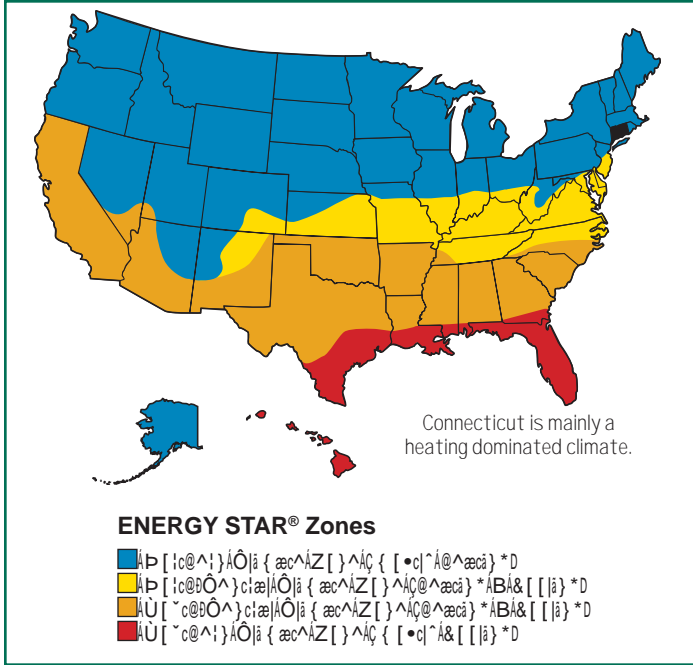




# Fact Sheet: Selecting Energy Efficient Windows in Connecticut



## Benefits of High Performance Windows

### Cooling and Heating Season Savings

High performance windows reduce the energy needed to heat and cool your home, resulting in lower utility bills and a more comfortable living environment.

### Improved Daylight and View

High performance windows allow more natural light into your home, reducing the need for artificial lighting and providing a better view of the outdoors.

### Improved Comfort

High performance windows help reduce drafts and hot/cold spots, providing a more consistent and comfortable indoor climate.

### Reduced Condensation

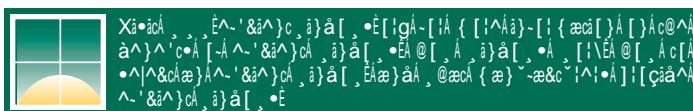
High performance windows have multiple panes and gas fills that reduce condensation on the interior surface, helping to prevent mold and mildew.

### Reduced Fading

High performance windows have UV inhibitors that help protect your furniture and flooring from fading and discoloration caused by sunlight.

### Lower Mechanical Equipment Costs

High performance windows reduce the load on your heating and cooling systems, potentially allowing you to choose smaller, less expensive equipment.



## 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). For windows, this means they have a U-Factor of 0.35 or lower and a Solar Heat Gain Coefficient (SHGC) of 0.32 or lower.



## 2. Look for Efficient Window Properties on the NFRC Label

The National Fenestration Rating Council (NFRC) provides a standardized way to compare windows. 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
<b>0.35</b>	<b>0.32</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./IP)
<b>0.51</b>	<b>0.2</b>
Condensation Resistance	
<b>51</b>	—

## 3. Compare Annual Energy Costs for a Typical House

By comparing the annual energy costs for a typical house with different window types, you can see the potential savings from high performance windows. High performance windows can significantly reduce heating and cooling costs.



## 4. Customize Energy Use for a Specific House

Energy use can be customized for a specific house by considering factors such as climate, house size, and occupant behavior. High performance windows are a key component in reducing energy use and lowering costs.



