

# Window and Door Performance Factors

Glazing Assembly	U-Factor	R-Value	SHGC	VT
Single Glass	1.1	0.9	0.87	0.90
Double pane, insul. glass	0.50	2.0	0.76	0.81
High-SHGC, low-e, insul. glass	0.30	3.3	0.74	0.76
Medium-SHGC, low-e, insul. glass	0.26	3.8	0.58	0.78
Low-SHGC, low-e, insul. glass	0.29	3.4	0.35	0.65
Triple-glazed, 2 low-e coatings	0.12	8.3	0.5	0.65

ENERGY STAR® Qualification Criteria for Doors			
Galzing level	U-Factor	R-Value	SHGC
Opaque	≤ 0.21	≥ 4.8	No Rating
≤ 1/2 Lite	≤ 0.27	≥ 3.7	≤ 0.30
> 1/2 Lite	≤ 0.32	≥ 3.1	≤ 0.30

ENERGY STAR® Criteria for Windows in Northern Climates	
U-Factor	≤ 0.30
SHGC	Any



**World's Best Window Co.**  
Millennium 2000+  
Vinyl-Clad Wood Frame  
Double Glazing • Argon Fill • Low E  
Product Type: **Vertical Slider**

National Fenestration Rating Council®  
CERTIFIED

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P) <b>0.30</b>	Solar Heat Gain Coefficient <b>0.30</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance <b>0.51</b>	Air Leakage (U.S./I-P) <b>0.2</b>

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

**NFRC label** - The National Fenestration Rating Council rates U-Factor, SHGC, Visible Transmittance, and Air Leakage. Manufacturers associated with NFRC must submit their products to NFRC for testing.

### Energy Performance Ratings:

1. U-Factor: Heat transmittance through the window. A lower number indicates less transmittance through the window.
2. SHGC: Blocking the sun's radiant heat. Lower SHGC means less radiant solar heat gain through the window.
3. Visible Transmittance: Visible light passed through the window. VT is rated between 0 and 1. A higher number indicates more light is transmitted.
4. Air Leakage: Optional rating. Not all window manufacturers list AL. A lower number indicates a lower air leakage rate.