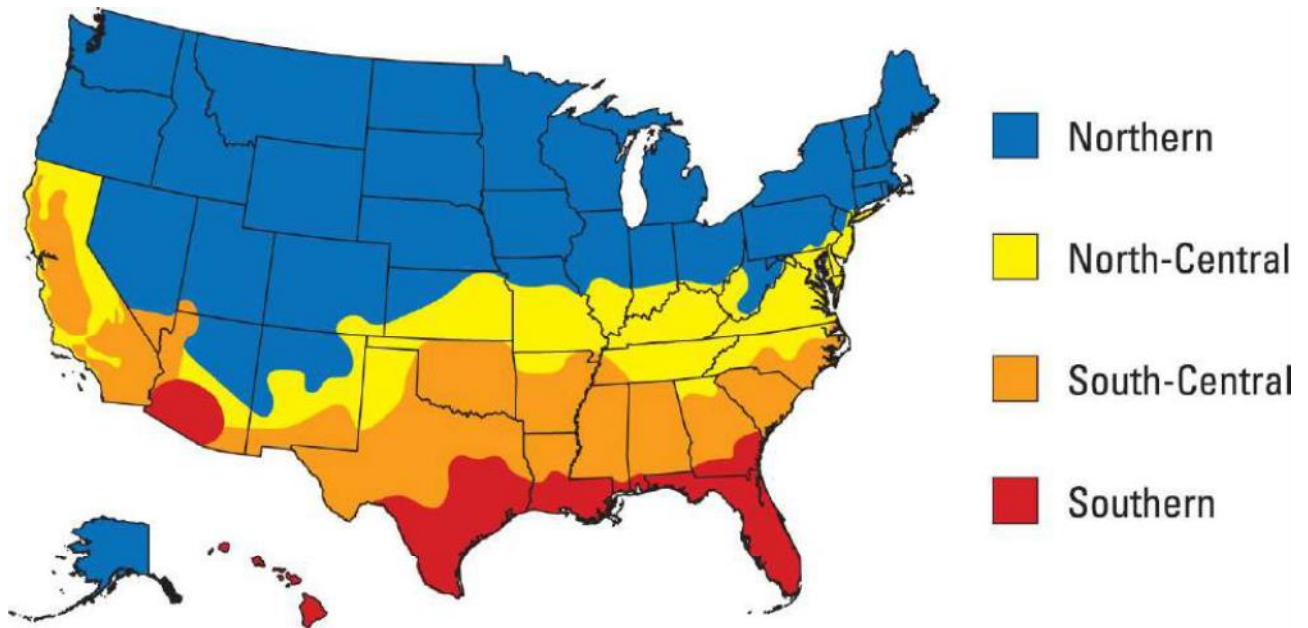


# ENERGY STAR Qualification Criteria for Residential Doors

DOORS			
GLAZING LEVEL	U-FACTOR <sup>1</sup>	SHGC <sup>2</sup>	
Opaque	≤ 0.17	No Rating	
≤ ½-Lite	≤ 0.25	≤ 0.25	
> ½-Lite	≤ 0.30	Northern	≤ 0.40
		North-Central	
		South-Central	≤ 0.25
		Southern	

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft<sup>2</sup>  
 Air Leakage for Swinging Doors ≤ 0.5 cfm/ft<sup>2</sup>



**Note:** A complete list of ENERGY STAR Climate Zones by state and county or, where applicable, zip code is available at [https://www.energystar.gov/index.cfm?fuseaction=windows\\_doors.search\\_climate](https://www.energystar.gov/index.cfm?fuseaction=windows_doors.search_climate).



# Understanding the NFRC Label

This image mirrors the four sections of the certified NFRC Label, providing the consumer with visual illustrations of what the label ratings mean. More in-depth information on the NFRC Label and purchasing the best possible windows, visit

[www.WindowRatings.org](http://www.WindowRatings.org)



**U-factor** measures the heat from INSIDE a room that can escape. The lower the number the lower the potential for wasted heating expenses.

**Visible Transmittance** measures how much natural light can come into a room -- a HIGH number means more natural light.

**Solar Heat Gain Coefficient** measures the amount of OUTDOOR heat that can enter a room. The lower the number, the lower the potential for wasted cooling expenses.

**Air Leakage** measures how much air will enter a room through the product. The lower the number, the lower the potential for draft through the product.

## The NFRC Label

The label on a product presents the results of Independent ratings from NFRC-certified laboratories. Without the NFRC label, the product is not certified.



Product Description* Default Frame** Wood	U-Factor <sup>1</sup> /Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Dual/Clear/Air/.75	0.23 0.10	0.28 0.19	0.31 0.26	0.35 0.34
	09571-00001	09572-00001	09573-00001	09574-00001
Flush 07941-00001	U-Factor <sup>1</sup> 0.16	SHGC 0.01		
Embossed 07942-00001	U-Factor <sup>1</sup> 0.17	SHGC 0.01		
<b>Air Leakage - ≤0.30 cfm/ft<sup>2</sup></b>				
<small>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.            * #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)            ** per NFRC 100 square inches 'btu/hr' ft<sup>2</sup>·F            *** Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)  <a href="http://www.nfrc.org">www.nfrc.org</a> </small>				

**Air Leakage (AL)** measures how much outside air comes into a home or building through a product. AL rates may be reported as ≤0.3 for windows, doors, and skylights, and ≤0.3 or ≤0.5 for swinging doors and sidelites. AL is an optional rating, and manufacturers can choose not to include it on their labels. This label displays AL in U.S. units. Labels on products sold in markets outside the United States may display AL in metric units.

**U-factor** measures how well a product prevents heat from escaping a home or building. U-factor ratings generally fall between 0.20 and 1.20. The lower the U-factor, the better a product is at keeping heat in. U-factor is particularly important during the winter heating season. This label displays U-factor in U.S. units. Labels on products sold in markets outside the United States may display U-factor in metric units.

**Solar Heat Gain Coefficient (SHGC)** measures how well a product blocks heat from the sun. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain. Blocking solar heat gain is particularly important during the summer cooling season.



**ENERGY STAR® Certified**  
In all 50 States



**Exterior Doors**  
**Fiberglass Door**  
**MLM-M-4 Low E**

**ENERGY PERFORMANCE RATINGS**

Product Description* Default Frame** Wood	U-Factor <sup>1</sup> /Solar Heat Gain Coefficient (SHGC)			
	Individual Option Number			
	1/4 Lite ≤410†	1/2 Lite ≤900†	3/4 Lite ≤1100†	Full Lite >1100†
Dual/Low E/Air/.75	0.21 0.09	0.24 0.16	0.27 0.21	0.30 0.28
	09575-00001	09576-00001	09577-00001	09578-00001
Dual/Low E/Air/.75 With Grids	0.23 0.09	0.28 0.17	0.31 0.23	0.35 0.30
	09579-00001	09580-00001	09581-00001	09582-00001
Dual/Low E/Air/.50 SDL	- -	- -	0.26 0.16	0.29 0.22
	-	-	09725-00001	09726-00001
Dual/Low E/Air/.81 With Blinds	- -	0.24 0.08	0.27 0.11	0.30 0.15
	-	09796-00001	09797-00001	09798-00001
Triple/Low E/Air/.50/.31 With Blinds/Grids	- -	0.22 0.10	- -	0.25 0.19
	-	09805-00001	-	09806-00001
Flush 07941-00001	U-Factor <sup>1</sup>	0.16	SHGC	0.01
Embossed 07942-00001	U-Factor <sup>1</sup>	0.17	SHGC	0.01
Air Leakage - ≤0.30 cfm/ft <sup>2</sup>				

09575-00001

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.

\* #glazing layers / spacer type / low-e emissivity (surface) / gap fill / gap width (na=not applicable)  
\*\* per NFRC 100 † square inches †btu/hr ft<sup>2</sup>F

\*\*\* Numbers below the performance ratings are referenced in the NFRC Certified Products Directory (e.g., ABC-X-1-00001-00001 or 123-X-1-00001-00001)

www.nfrc.org