

# UNDERSTANDING THE NFRC LABEL



ENERGY STAR compliance available in all series. Verify product specifics before ordering.



**U-FACTOR** measures the heat from inside a room that can escape. The **LOWER** the number, the lower the potential for wasted heating expenses.

**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.

**VISIBLE TRANSMITTANCE** measures how much natural light can come into a room. A **HIGH** number means more natural light.

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

## An example of the NFRC label you should look for:

**U-FACTOR** ratings generally fall between 0.20 and 1.20. The **LOWER** the better a product is at keeping heat in. U-Factor is particularly important during the winter season.

**SOLAR HEAT GAIN COEFFICIENT** (SHGC) is expressed as a number between 0 and 1. The **LOWER** the better a product is at blocking unwanted heat gain. Blocking solar heat gain is particularly important during the summer season.

**VISIBLE TRANSMITTANCE** (VT) is expressed as a number between 0 and 1. The **HIGHER** the VT, the higher the potential for daylighting.

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

 National Fenestration Rating Council®	*No Grid* TrplGlazed MFR#073 <b>RELIABILT</b> SERIES: 3900 VINYL Double Hung Triple IG Low-e-Argon ADW-A-356-00091-00009	
	<b>ENERGY PERFORMANCE RATINGS</b>	
U-Factor (U.S./I-P) <b>0.21</b>	Solar Heat Gain Coefficient <b>0.18</b>	
<b>ADDITIONAL PERFORMANCE RATINGS</b>		
Visible Transmittance <b>0.34</b>	Air Leakage (U.S./I-P) <b>≤ 0.3</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. www.nfrc.org</small>		

NFRC administers an independent, uniform rating and labeling system for the energy performance of fenestration products including windows and doors. For more information on NFRC, visit their website at [www.WindowRatings.org](http://www.WindowRatings.org)