

WHAT DOES MY NFRC STICKER MEAN?



U-FACTOR



U-Factor is a measure of the rate of heat loss through a window or door. It is the reciprocal of the R-value. The lower the U-Factor, the better the window or door is at insulating your home.

U-Factor: 0.30

WHAT DOES THIS MEAN FOR ME? This is a U-Factor of 0.30, which means that for every 1 degree Fahrenheit temperature difference between the inside and outside of your home, you will lose 0.30 units of heat per hour per square foot of window area.

SOLAR HEAT GAIN COEFFICIENT



Solar Heat Gain Coefficient is a measure of the amount of solar radiation that enters a space through a window. It is the ratio of the solar heat gain to the total solar radiation incident on the window.

SHGC: 0.25

WHAT DOES THIS MEAN FOR ME? This is a Solar Heat Gain Coefficient of 0.25, which means that for every 1 unit of solar radiation incident on the window, 0.25 units of solar heat gain will enter the space. This is a low SHGC, which is good for reducing cooling loads in hot climates.

VISIBLE TRANSMITTANCE



Visible Transmittance is a measure of the amount of visible light that passes through a window. It is the ratio of the visible light transmittance to the total solar radiation incident on the window.

VT: 0.70

WHAT DOES THIS MEAN FOR ME? This is a Visible Transmittance of 0.70, which means that 70% of the visible light that passes through the window will enter the space. This is a high VT, which is good for providing natural light in the space.

AIR LEAKAGE



Air Leakage is a measure of the amount of air that passes through a window. It is the ratio of the air leakage to the total area of the window. The lower the air leakage, the better the window is at insulating your home.

AL: 0.10

WHAT DOES THIS MEAN FOR ME? This is an Air Leakage of 0.10, which means that for every 1 square foot of window area, 0.10 cubic feet of air will pass through the window per hour at a pressure difference of 1 inch of water. This is a low air leakage, which is good for reducing energy costs.

CONDENSATION RESISTANCE

Condensation Resistance is a measure of the ability of a window to resist condensation. It is the ratio of the condensation resistance to the total area of the window.

CR: 0.50

WHAT DOES THIS MEAN FOR ME? This is a Condensation Resistance of 0.50, which means that for every 1 square foot of window area, 0.50 units of condensation will be resisted. This is a high CR, which is good for preventing condensation on the interior surface of the window.

ENERGY RATING



Energy Rating is a measure of the overall energy performance of a window. It is the ratio of the energy performance to the total area of the window. The higher the energy rating, the better the window is at insulating your home.

ER: 0.50

WHAT DOES THIS MEAN FOR ME? This is an Energy Rating of 0.50, which means that for every 1 square foot of window area, 0.50 units of energy will be resisted. This is a high energy rating, which is good for reducing energy costs.



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