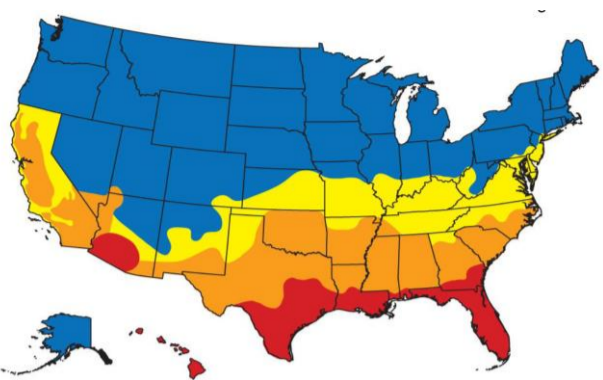


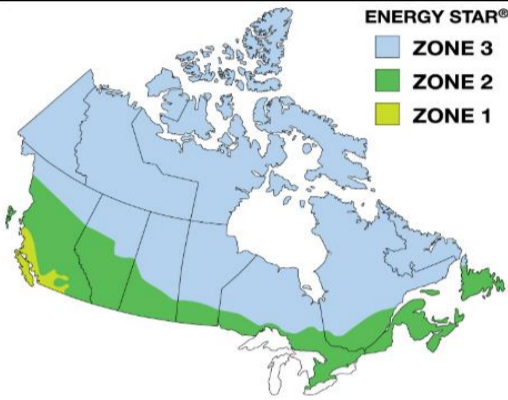
Thermal Performance Data

Contemporary Next Gen Sliding Patio Door with Direct-set (8723)

WEATHER SHIELD.

WINDOWS & DOORS

| US Qualification Criteria | Climate Zone | U-Value | SHGC |
|---|---------------|---------|--------|
|  <p>As of January 2016</p> | Northern | <=0.30 | <=0.40 |
| | North-Central | | <=0.25 |
| | South-Central | | |
| | Southern | | |

| Canadian Qualification Criteria | Climate Zone | U-Value | or | Energy Rating |
|---|----------------------------|---------|----|---------------|
|  <p>As of February 2015</p> | Zone 1 | <=1.60 | | >=25 |
| | Zone 2 | <=1.40 | | >=29 |
| | Zone 3 | <=1.20 | | >=34 |
| | Air Leakage <= 0.3 cfm/ft2 | | | |

U-Value

A measurement of how much energy a material conducts. The lower the U-Value, the greater the insulating effect.

Solar Heat Gain Coefficient (SHGC)

Measures how well a window or door prevents heat from passing through it. The lower a window or door's SHGC, the less heat it allows to pass through it.

Visible Light Transmittance

The amount of light in the visible portion of the spectrum that passes through a glazing material.

Condensation Resistance Rating

Measures how well a window resists the formation of condensation on the inside surface. The higher the number the better resistance to condensation.

Energy Rating

A value demonstrating the balance between U-Value, SHGC and air leakage. The higher the number, the more efficient the product.

R-Value

A measurement of how much a material resists heat transfer. A higher R-Value means a greater insulating effect and a lower rate of heat flow out of the home. While **R-value** measures resistance to heat transfer, **U-value** measures the rate of heat transfer. In simple terms, **U-value** is the mathematical reciprocal of **R-value**; that is, **U = 1/R and R = 1/U**.

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100, NFRC 200, and NFRC 500.

^b Published values reflect 3mm/3mm glass lite thicknesses.

