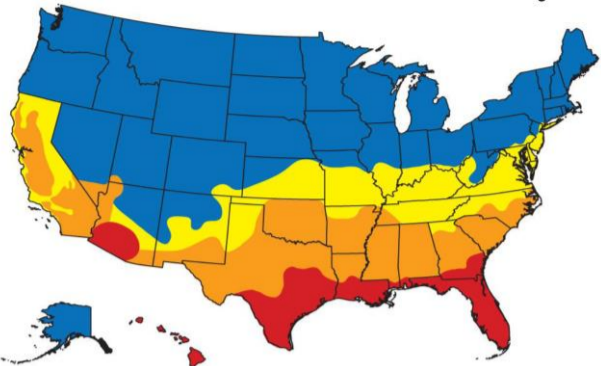
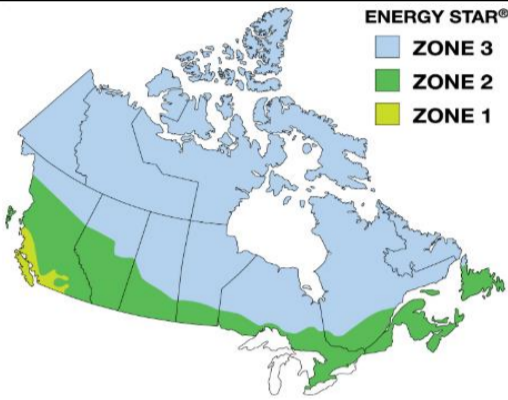


| US Qualification Criteria | Climate Zone | U-Value | SHGC | |
|---|---------------|---------|--------|-------------------------------|
|  <p>As of January 2016</p> | Northern | <=0.27 | Any | Prescriptive |
| | | =0.28 | >=0.32 | Equivalent Energy Performance |
| | | =0.29 | >=0.37 | |
| | | =0.30 | >=0.42 | |
| | North-Central | <=0.30 | <=0.40 | |
| | South-Central | <=0.30 | <=0.25 | |
| Southern | <=0.40 | <=0.25 | | |

| 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.

| ENERGY PERFORMANCE DATA | | | | | | | | ENERGY STAR | | CANADIAN ENERGY PERFORMANCE DATA | | | | ENERGY STAR | | | | | |
|--------------------------------------|-------------------------|--|-----------------------|---------|-----------------------------|-----------------------------|--------------------------------|----------------------|----|----------------------------------|---|------------------|----------------------------|---------------------------------------|---------------|---|---|---|--|
| VUE Collection Awning Windows (4201) | | | | | | | | US ENERGY STAR V 6.0 | | | | | | CANADA ENERGY STAR v 4.1 | | | | | |
| Grille Option | Glazing thickness | ^a NFRC Total Unit Calculations Glazing Option | CPD # | U-Value | Solar Heat Gain Coefficient | Visible Light Transmittance | Condensation Resistance Rating | N | NC | SC | S | U-Value (metric) | Maximum Air Leakage L/s/m2 | Air Infiltration/Exfiltration Average | Energy Rating | 1 | 2 | 3 | |
| No GIA or SDL | 1" | Clear Insul | WEA-N-335-00001-00001 | 0.52 | 0.55 | 0.57 | 48 | | | | | 2.95 | - | 0.00 | 0 | | | | |
| | 1" | Insul Low-E | WEA-N-335-00002-00001 | 0.39 | 0.30 | 0.50 | 55 | | | | | 2.21 | - | 0.00 | 0 | | | | |
| | 1" | Insul Low E w/Argon | WEA-N-335-00010-00001 | 0.36 | 0.30 | 0.50 | 59 | | | | | 2.04 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar | WEA-N-335-00005-00001 | 0.40 | 0.49 | 0.55 | 56 | | | | | 2.27 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar w/Argon | WEA-N-335-00013-00001 | 0.37 | 0.49 | 0.55 | 59 | | | | | 2.10 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar Extreme | WEA-N-335-00006-00001 | 0.35 | 0.44 | 0.54 | 43 | | | | | 1.99 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar Extreme w/Argon | WEA-N-335-00014-00001 | 0.33 | 0.44 | 0.54 | 47 | | | | | 1.87 | - | 0.00 | 0 | | | | |
| | 1" | Zo-e-shield 5 | WEA-N-335-00003-00001 | 0.39 | 0.20 | 0.45 | 56 | | | | Y | | 2.21 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 w/ Argon | WEA-N-335-00011-00001 | 0.36 | 0.20 | 0.45 | 59 | | | | Y | | 2.04 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 Extreme | WEA-N-335-00004-00001 | 0.35 | 0.19 | 0.44 | 44 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 Extreme w/ Argon | WEA-N-335-00012-00001 | 0.32 | 0.19 | 0.44 | 48 | | | | Y | | 1.82 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 6 | WEA-N-335-00099-00001 | 0.38 | 0.20 | 0.45 | 56 | | | | Y | | 2.16 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 6 w/ Argon | WEA-N-335-00107-00001 | 0.35 | 0.20 | 0.45 | 59 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e SafeGuard Certified | WEA-N-335-00104-00001 | 0.38 | 0.20 | 0.44 | 56 | | | | Y | | 2.16 | - | 0.00 | 0 | | | |
| | 1" | Zo-e SafeGuard Certified w/ Argon | WEA-N-335-00112-00001 | 0.35 | 0.19 | 0.44 | 59 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 7 | WEA-N-335-00017-00001 | 0.32 | 0.18 | 0.36 | 63 | | | | Y | | 1.82 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 7 w/ Argon | WEA-N-335-00021-00001 | 0.29 | 0.18 | 0.36 | 63 | Y | Y | | Y | | 1.65 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 240 | WEA-N-335-00007-00001 | 0.40 | 0.19 | 0.28 | 55 | | | | Y | | 2.27 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 240 w/Argon | WEA-N-335-00015-00001 | 0.36 | 0.18 | 0.28 | 58 | | | | Y | | 2.04 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 340 | WEA-N-335-00008-00001 | 0.39 | 0.14 | 0.27 | 56 | | | | Y | | 2.21 | - | 0.00 | 0 | | | |
| 1" | Insul Low-E 340 w/Argon | WEA-N-335-00016-00001 | 0.36 | 0.13 | 0.27 | 59 | | | | Y | | 2.04 | - | 0.00 | 0 | | | | |
| 1" | Bronze Low E | WEA-N-335-00002-00007 | 0.39 | 0.28 | 0.38 | 55 | | | | | | 2.21 | - | 0.00 | 0 | | | | |
| 1" | Bronze Low E w/Argon | WEA-N-335-00010-00007 | 0.36 | 0.28 | 0.38 | 59 | | | | | | 2.04 | - | 0.00 | 0 | | | | |
| Less Than 1" GIA or SDL | 1" | Clear Insul | WEA-N-335-00001-00002 | 0.52 | 0.50 | 0.52 | 48 | | | | | 2.95 | - | 0.00 | 0 | | | | |
| | 1" | Insul Low-E | WEA-N-335-00002-00002 | 0.39 | 0.27 | 0.45 | 55 | | | | | 2.21 | - | 0.00 | 0 | | | | |
| | 1" | Insul Low E w/Argon | WEA-N-335-00010-00002 | 0.36 | 0.27 | 0.45 | 59 | | | | | 2.04 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar | WEA-N-335-00005-00002 | 0.40 | 0.44 | 0.50 | 56 | | | | | 2.27 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar w/Argon | WEA-N-335-00013-00002 | 0.37 | 0.44 | 0.50 | 59 | | | | | 2.10 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar Extreme | WEA-N-335-00006-00002 | 0.35 | 0.40 | 0.49 | 43 | | | | | 1.99 | - | 0.00 | 0 | | | | |
| | 1" | Passive Solar Extreme w/Argon | WEA-N-335-00014-00002 | 0.33 | 0.41 | 0.49 | 47 | | | | | 1.87 | - | 0.00 | 0 | | | | |
| | 1" | Zo-e-shield 5 | WEA-N-335-00003-00002 | 0.39 | 0.18 | 0.41 | 56 | | | | Y | | 2.21 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 w/ Argon | WEA-N-335-00011-00002 | 0.36 | 0.18 | 0.41 | 59 | | | | Y | | 2.04 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 Extreme | WEA-N-335-00004-00002 | 0.35 | 0.18 | 0.40 | 44 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 5 Extreme w/ Argon | WEA-N-335-00012-00002 | 0.32 | 0.18 | 0.40 | 48 | | | | Y | | 1.82 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 6 | WEA-N-335-00099-00002 | 0.38 | 0.18 | 0.40 | 56 | | | | Y | | 2.16 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 6 w/ Argon | WEA-N-335-00107-00002 | 0.35 | 0.18 | 0.40 | 59 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e SafeGuard Certified | WEA-N-335-00104-00002 | 0.38 | 0.18 | 0.40 | 56 | | | | Y | | 2.16 | - | 0.00 | 0 | | | |
| | 1" | Zo-e SafeGuard Certified w/ Argon | WEA-N-335-00112-00002 | 0.35 | 0.18 | 0.40 | 59 | | | | Y | | 1.99 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 7 | WEA-N-335-00018-00001 | 0.32 | 0.17 | 0.33 | 63 | | | | Y | | 1.82 | - | 0.00 | 0 | | | |
| | 1" | Zo-e-shield 7 w/ Argon | WEA-N-335-00022-00001 | 0.29 | 0.17 | 0.33 | 63 | Y | Y | | Y | | 1.65 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 240 | WEA-N-335-00007-00002 | 0.40 | 0.17 | 0.25 | 55 | | | | Y | | 2.27 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 240 w/Argon | WEA-N-335-00015-00002 | 0.36 | 0.17 | 0.25 | 58 | | | | Y | | 2.04 | - | 0.00 | 0 | | | |
| | 1" | Insul Low-E 340 | WEA-N-335-00008-00002 | 0.39 | 0.13 | 0.25 | 56 | | | | Y | | 2.21 | - | 0.00 | 0 | | | |
| 1" | Insul Low-E 340 w/Argon | WEA-N-335-00016-00002 | 0.36 | 0.12 | 0.25 | 59 | | | | Y | | 2.04 | - | 0.00 | 0 | | | | |
| 1" | Bronze Low E | WEA-N-335-00002-00008 | 0.39 | 0.26 | 0.34 | 55 | | | | | | 2.21 | - | 0.00 | 0 | | | | |
| 1" | Bronze Low E w/Argon | WEA-N-335-00010-00008 | 0.36 | 0.26 | 0.34 | 59 | | | | | | 2.04 | - | 0.00 | 0 | | | | |