


Thermal Performance Data
 Contemporary Sliding Patio Door (8717)
 with Cardinal Endur Spacer



| ENERGY PERFORMANCE DATA | | | | | | | | CANADIAN ENERGY PERFORMANCE DATA | | | | | | | | | | |
|---|-------------------|--------------------------------|-----------------------|---------|-----------------------------|-----------------------------|--------------------------------|----------------------------------|----|----|---|------------------|--|---------------------------------------|---------------|--------------------------|---|---|
| NFRC Total Unit Calculations ^a | | | | | | | | ENERGY STAR | | | | | | | | | | |
| Grille Option | Glazing thickness | Glazing Option | CPD # | U Value | Solar Heat Gain Coefficient | Visible Light Transmittance | Condensation Resistance Rating | US ENERGY STAR V 6.0 | | | | U-Value (metric) | Maximum Air Leakage L/s/m ² | Air Infiltration/Exfiltration Average | Energy Rating | CANADA ENERGY STAR v 4.1 | | |
| | | | | | | | | N | NC | SC | S | | | | | 1 | 2 | 3 |
| No GIA or SDL | 1" | Cardinal LoE-272 | WEA-N-300-00155-00001 | 0.35 | 0.30 | 0.52 | 53 | | | | | 1.99 | 0.6 | 0.05 | 14 | | | |
| | 1" | Cardinal LoE-272 w/Argon | WEA-N-300-00169-00001 | 0.31 | 0.30 | 0.52 | 56 | | | | | 1.76 | 0.6 | 0.05 | 19 | | | |
| | 1" | Cardinal LoE-366 | WEA-N-300-00183-00001 | 0.34 | 0.20 | 0.47 | 53 | | | | | 1.93 | 0.6 | 0.05 | 9 | | | |
| | 1" | Cardinal LoE-366 w/Argon | WEA-N-300-00209-00001 | 0.31 | 0.20 | 0.47 | 56 | | | | | 1.76 | 0.6 | 0.05 | 13 | | | |
| | 1" | Cardinal LoE-366 w/i89 | WEA-N-300-00187-00001 | 0.29 | 0.20 | 0.45 | 43 | Y | Y | Y | Y | 1.65 | 0.6 | 0.05 | 15 | | | |
| | 1" | Cardinal LoE-366 w/i89 w/Argon | WEA-N-300-00213-00001 | 0.27 | 0.20 | 0.45 | 46 | Y | Y | Y | Y | 1.53 | 0.6 | 0.05 | 18 | Y | | |
| Less Than 1" GIA or SDL | 1" | Cardinal LoE-272 | WEA-N-300-00155-00002 | 0.35 | 0.27 | 0.45 | 53 | | | | | 1.99 | 0.6 | 0.05 | 12 | | | |
| | 1" | Cardinal LoE-272 w/Argon | WEA-N-300-00169-00002 | 0.31 | 0.27 | 0.45 | 56 | | | | | 1.76 | 0.6 | 0.05 | 17 | | | |
| | 1" | Cardinal LoE-366 | WEA-N-300-00183-00002 | 0.34 | 0.18 | 0.40 | 53 | | | | | 1.93 | 0.6 | 0.05 | 8 | | | |
| | 1" | Cardinal LoE-366 w/Argon | WEA-N-300-00209-00002 | 0.31 | 0.18 | 0.40 | 56 | | | | | 1.76 | 0.6 | 0.05 | 12 | | | |
| | 1" | Cardinal LoE-366 w/i89 | WEA-N-300-00187-00002 | 0.29 | 0.18 | 0.40 | 43 | Y | Y | Y | Y | 1.65 | 0.6 | 0.05 | 14 | | | |
| | 1" | Cardinal LoE-366 w/i89 w/Argon | WEA-N-300-00213-00002 | 0.27 | 0.18 | 0.40 | 46 | Y | Y | Y | Y | 1.53 | 0.6 | 0.05 | 17 | Y | | |
| 1" Or Over GIA or SDL | 1" | Cardinal LoE-272 | WEA-N-300-00155-00003 | 0.35 | 0.23 | 0.39 | 53 | | | | | 1.99 | 0.6 | 0.05 | 10 | | | |
| | 1" | Cardinal LoE-272 w/Argon | WEA-N-300-00169-00003 | 0.31 | 0.23 | 0.39 | 56 | | | | | 1.76 | 0.6 | 0.05 | 15 | | | |
| | 1" | Cardinal LoE-366 | WEA-N-300-00183-00003 | 0.34 | 0.16 | 0.35 | 53 | | | | | 1.93 | 0.6 | 0.05 | 7 | | | |
| | 1" | Cardinal LoE-366 w/Argon | WEA-N-300-00209-00003 | 0.31 | 0.16 | 0.35 | 56 | | | | | 1.76 | 0.6 | 0.05 | 11 | | | |
| | 1" | Cardinal LoE-366 w/i89 | WEA-N-300-00187-00003 | 0.29 | 0.16 | 0.34 | 43 | Y | Y | Y | Y | 1.65 | 0.6 | 0.05 | 13 | | | |
| | 1" | Cardinal LoE-366 w/i89 w/Argon | WEA-N-300-00213-00003 | 0.27 | 0.15 | 0.34 | 46 | Y | Y | Y | Y | 1.53 | 0.6 | 0.05 | 15 | | | |

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100-2004, NFRC 200-2004, and NFRC 500-2004.

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| US Qualification Criteria | Climate Zone | U-Factor | *SHGC |
|---|---------------|----------|-------|
|  As of January 2016 | Northern | ≤0.30 | ≤0.40 |
| | North-Central | | |
| | South-Central | | ≤0.25 |
| | Southern | | |

* SHGC = Solar Heat Gain Coefficient
 Air Leakage ≤ 0.3 cfm/ft²