***Select Casement***



The casement style is energy efficient, practical and breathtakingly beautiful. The Select Casement window offers the right balance of beauty, utility and efficiency. With standard features like triple weather-stripping, a concealed energy efficient drain hole and standard warm edge spacer, it’s easy to see why.

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| **FRAME – Fusion welded corners** | | |
| White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion, permafinish colors available | | |
| Operator/Fixed Frame depth: 3.25” (83mm) | | |
| Small Picture Window Frame depth: 3.25” (83mm) | | |
| **SASH – Fusion welded corners** | | |
| White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion, permafinish colors available | | |
| Sash depth: 2.32” (59mm) | | |
| **GLAZING** | | |
| **Glazing method** | Insulated glass, hermetically sealed | |
| **Glazing seal** | Tape glazed, silicon heel bead | |
| **Glazing type** | Clear glass | |
| **Spacer type** | Warm edge steel Intercept | |
| **Options** | Soft coat LoE, Argon gas fill, Obscure glass, Tinted glass,  Energlas (LoE/Argon and Stainless Steel spacer),  Energlas Plus (triple paned, 2 panes with LoE glass, argon gas filling, and Edgetech warm edge Superspacer) | |
| **WEATHER STRIPPING** | | |
| **Triple Sealed** | Dual bulb and single fin weather strip at frame and sash. Color: Black | |
| **OPTIONS** | | |
| **Insect Screens** | Aluminum full screen standard, white or tan to match frame and sash  Grey fiberglass standard screen mesh with pull tabs integrated into screen corner | |
| **Int./Ext. SDL** | Int. bar: Extruded vinyl or wood, ¾” and 1” wide bars. White, tan or painted  Ext. bar: Extruded vinyl, ¾” or 1” wide bars. White, tan or painted  Pattern: Rectangular, custom lite layouts available | |
| **Grills** | ¾” Contoured Georgian. White, tan, any standard color or split finish int./ext.  1” Contoured Georgian. White or any standard color  5/8” Flat Colonial. White, tan, brass, brushed aluminum or painted  Slimline 5/16” Flat Colonial. White, tan, pewter, black, gold, mill finish or painted | |
| **Accessories** | Standard: ½” to ¾” return is built into the frame on the interior  Optional: 7/8”, 1 ½”, 2” or 3 ½” brick molding all four sides or with subsill. Available with J-trim and nailing fin. 2” and 3 ½” brick molds available with decorative molding | |
| **HARDWARE** | | |
| Standard powder coated operator and hinges. Option for Roto hardware stainless steel, heavy-duty operator and adjustable stainless steel hinges | | Handles: Die-cast zinc folding handle standard white. Optional: Tan, Antique brass, Brushed nickel and oil rubbed bronze |
| Standard multi-point lock | | Single Arm operator |

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| **PERFORMANCE TESTS In accordance with AAMA/WDMA/CSA 101/1.5.2/A444-08** | | | | | | | | |
| **Window**  **(Select)** | **Gateway Size (in)** | **Gateway Size (mm)** | **NAFS Rating** | **Canadian Air Infiltration** | **Water Resistance** | **Wind Load Resistance** | **DP Rating** | |
| **Water** | **Wind** |
| **Casement** | 32 x 63 | 808 x 1601 | R-PG70-C | A3 | B7 | C5 | DP100 | DP70 |
| 38 x 78 | 967 x 1985 | R-PG50-C | A3 | B7 | C3 | DP100 | DP50 |
| **Fixed Sash Casement** | 60 x 60 | 1524 x 1524 | LC-PG70-FW | FX | B7 | C5 | DP100 | DP70 |
| 68 x 80 | 1728 x 2032 | LC-PG60-FW | A3 | B7 | C4 | DP100 | DP60 |
| **Awning** | 40 x 40 | 1016 x 1016 | N/A | A3 | B7 | C4 | DP100 | DP65 |
| 48 x 40 | 1219 x 1016 | LC-PG65-AP | A3 | B7 | C3 | DP100 | DP65 |
| **Picture Window** | 60 x 60 | 1524 x 1524 | CW-PG70-FW | FX | B7 | C5 | DP100 | DP70 |

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|  | **THERMAL PERFORMANCE RATINGS In accordance to CSA A440.2-04** | | | | | | | | | | |
| **Glass Options** | **Energy Rating** | **R-Value (Whole Window)** | **R-Value (Center of Glass)** | **U-Value (metric)** | **U-Value (imperial)** | **Solar Heat Gain Coefficient** | **Visible Transmittance** | **Condensation Resistance** | **Canadian Energy Star Zones** | **US Energy**  **Star Zones** |
| **Double Glazed** | Energlas – HSG | 31 | 3.57 | 3.69 | 1.6 | 0.28 | 0.46 | 0.52 | 57 | ABC | N |
| LoE/Argon – HSG | 30 | 3.45 | 3.69 | 1.6 | 0.29 | 0.46 | 0.52 | 59 | ABC | N |
| Energlas – HSG w Grills | 29 | 3.57 | 3.69 | 1.6 | 0.28 | 0.42 | 0.47 | 57 | ABC | N |
| LoE/Argon – HSG w Grills | 27 | 3.45 | 3.69 | 1.6 | 0.29 | 0.42 | 0.47 | 59 | AB | N |
| Energlas – LSG | 21 | 3.70 | 4.10 | 1.5 | 0.27 | 0.26 | 0.46 | 63 | AB | N,NC,SC,S |
| Energlas – LSG w Grills | 19 | 3.70 | 4.10 | 1.5 | 0.27 | 0.23 | 0.41 | 63 | AB | N,NC,SC,S |
| LoE/Argon – LSG | 19 | 3.45 | 4.10 | 1.6 | 0.29 | 0.46 | 0.52 | 59 | ABC | N,NC,SC,S |
| LoE/Argon – LSG w Grills | 18 | 3.45 | 4.10 | 1.6 | 0.29 | 0.42 | 0.47 | 59 | AB | N,NC,SC,S |
| Clear | 15 | 2.33 | 2.08 | 2.4 | 0.43 | 0.50 | 0.53 | 45 |  |  |
| Clear w Grills | 12 | 2.33 | 2.08 | 2.4 | 0.43 | 0.45 | 0.47 | 45 |  |  |

\***Energlas** uses a high performance warm edge spacer, one panel of LoE coated glass and one cavity filled with high density gas.