***Supreme Casement***



The casement style is energy efficient, practical and breathtakingly beautiful. Supreme Casement windows add a dramatic splash of elegance to your home while maintaining the durability and performance of vinyl. Available in a variety of designer colors and with a choice of decorative grills, Supreme Casement windows are engineered with a sturdy master frame construction.

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| **FRAME – Fusion welded corners** | | |
| White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion, Permafinish Paint colors available | | |
| Operator/Fixed Frame depth: 3.25” (83mm) | | |
| Picture Window Frame depth: 3.25” (83mm) | | |
| **SASH – Fusion welded corners** | | |
| White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion, Permafinish Paint colors available | | |
| Sash depth: 2.46” (62mm) | | |
| **GLAZING** | | |
| **Glazing method** | Insulated glass, hermetically sealed, dual seal | |
| **Glazing seal** | Tape glazed, silicon heel bead | |
| **Spacer type** | Warm edge intercept, Ultra or SuperSpacer | |
| **Options** | High Solar Gain LoE, Low Solar Gain LoE, Argon gas fill, Obscure glass, Tinted glass,  Energlas (LoE/Argon and Ultra spacer),  Energlas Plus (triple paned, 2 panes with LoE glass, argon gas filling and Superspacer) | |
| **WEATHER STRIPPING** | | |
| **Triple sealed** | Dual bulb and single fin weather strip at frame and sash. Color: Black | |
| **OPTIONS** | | |
| **Insect Screens** | Aluminum framed screen standard. White or tan to match extruded frame and sash Grey fiberglass standard screen held in place with integrated poppets | |
| **SDL – Simulated Divided Lites** | Int. bar: Extruded vinyl or wood, 7/8” and 1 1/8” wide bars.  Ext. bar: Extruded vinyl, 7/8” or 1 1/8” wide bars. White, tan or painted  Pattern: Rectangular, Craftsman, Prairie , custom lite layouts available | |
| **Grills** | ¾” Contoured Georgian. White, tan, brushed aluminum, painted, split finish int/ext  1” Contoured Georgian. White, painted, split finish int/ext  5/8” Flat Colonial. White, tan, brass, brushed aluminum, painted, split finish int/ext  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. All available with J-trim and nailing fin. 2” and 3 ½” available with decorative molding | |
| **HARDWARE** | | |
| Roto X-Drive stainless steel, heavy-duty 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 locks | | Contoured Nesting hardware available |

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| **PERFORMANCE TESTS In accordance with AAMA/WDMA/CSA 101/1.5.2/A444-08** | | | | | | | | |
| **Window**  **(Supreme)** | **Gateway Size (in)** | **Gateway Size (mm)** | **NAFS Rating** | **Canadian Air Infiltration** | **Water Resistance** | **Wind Load Resistance** | **DP Rating** | |
| **Water** | **Wind** |
| **Casement** | 32 x 63 | 813 x 1599 | CW-PG70-C | A3 | B7 | C5 | DP100 | DP70 |
| 38 x 78 | 965 x 1981 | CW-PG55-C | A3 | B7 | C4 | DP100 | DP55 |
| **Fixed Sash Casement** | 79 x 79 | 2000 x 2000 | CW-PG45-FW | FX | B7 | C3 | DP100 | DP45 |
| **Awning** | 48 x 40 | 1218 x 1017 | LC-PG70-AP | A3 | B7 | C5 | DP100 | DP70 |
| **Picture Window** | 79 x 79 | 2000 x 2000 | 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 | 32 | 3.70 | 3.69 | 1.5 | 0.27 | 0.45 | 0.51 | 59 | ABC | N |
| LoE/Argon – HSG | 31 | 3.57 | 3.69 | 1.6 | 0.28 | 0.45 | 0.51 | 57 | ABC | N |
| Energlas – HSG w Grills | 30 | 3.70 | 3.69 | 1.5 | 0.27 | 0.41 | 0.46 | 59 | ABC | N |
| LoE/Argon – HSG w Grills | 28 | 3.57 | 3.69 | 1.6 | 0.28 | 0.41 | 0.46 | 57 | AB | N |
| Energlas – LSG | 22 | 3.85 | 4.10 | 1.5 | 0.26 | 0.25 | 0.45 | 58 | AB | N,NC,SC,S |
| Energlas – LSG w Grills | 21 | 3.85 | 4.10 | 1.5 | 0.26 | 0.23 | 0.40 | 58 | AB | N,NC,SC,S |
| LoE/Argon – LSG | 20 | 3.70 | 4.10 | 1.5 | 0.27 | 0.25 | 0.45 | 58 | AB | N,NC,SC,S |
| LoE/Argon – LSG w Grills | 19 | 3.70 | 4.10 | 1.5 | 0.27 | 0.23 | 0.40 | 58 | AB | N,NC,SC,S |
| Clear | 17 | 2.44 | 2.08 | 2.3 | 0.41 | 0.49 | 0.52 | 47 |  |  |
| Clear w Grills | 14 | 2.44 | 2.08 | 2.3 | 0.41 | 0.44 | 0.46 | 47 |  |  |
| **Triple Glazed** |  |  |  |  |  |  |  |  |  |  |  |
| Energlas Plus Krypton – HSG | 40 | 5.56 | 6.85 | 1.0 | 0.18 | 0.39 | 0.46 | 77 | ABCD |  |
| Energlas Plus Argon – HSG |  |  | 4.74 |  |  |  |  |  |  |  |
| Energlas Plus Krypton – LSG | 30 | 5.88 | 7.94 | 1.0 | 0.17 | 0.20 | 0.35 | 78 | ABCD |  |
| Energlas Plus Argon – LSG |  |  | 5.13 |  |  |  |  |  |  |  |
| Triple Clear | 29 | 3.45 | 3.21 | 1.6 | 0.29 | 0.44 | 0.47 | 62 | ABC | N |
| Triple LoE/Argon x 1 LSG | 27 | 4.76 | 5.26 | 1.2 | 0.21 | 0.23 | 0.41 | 71 | ABCD | N,NC,SC,S |
|  | \***Energlas** uses a high performance warm edge spacer, one panel of LoE coated glass and one cavity filled with high density gas. | | | | | | | | | |  |
|  | \*\***Energlas Plus** is an ultra high performance, energy efficient, triple glazed system using warm edge SuperSpacer, two panels of LoE coated glass, and two cavities filled with high density glass. | | | | | | | | | |  |