***Supreme Single Hung***



Beautiful and practical, the Supreme Single Hung window is crafted by Kohltech to be one of the finest windows in its class. It’s loaded with standard features like perimeter weather-stripping, security night lock, cam operated lock, and a stainless steel coil spring balance system. The Supreme Single Hung is the right choice for performance and quality.

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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) | | |
| **SASH – Fusion welded corners** | | |
| White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion, permafinish paint colors available | | |
| **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** | | |
| **Dual sealed** | Dual weather pile weather strip with sealing fin. Color: grey | |
| **OPTIONS** | | |
| **Insect Screens** | Aluminum bar half screen standard. White or tan to match extruded frame and sash  Grey fiberglass standard screen with pull tabs integrated screen corners | |
| **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** | Optional: Add-on ½” to ¾” return 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** | | |
| Truth camlock and keeper | | John Evans constant force coil balance |
| Stainless pivot bars | | Auto engage night lock |

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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** |
| **Single Hung** | 40 x 63 | 1015 x 1600 | R-PG70-H | A3 | B7 | C5 | DP100 | DP70 |
| 43 ¼ x 84 | 1100 x 2134 | LC-PG40-H | A3 | B4 | C3 | DP60 | DP40 |
| 50 x 72 5/8 | 1272 x 1846 | R-PG50-H | A3 | B5 | C3 | DP70 | DP50 |
| **Single Glider** | 63 x 39 | 1600 x 1000 | R-PG40-H | A3 | B4 | C5 | DP55 | DP40 |
| **Picture Window** | 50 x 100 | 1267 x 2540 | R-PG50-FW | FX | B7 | C3 | DP100 | DP50 |
| 72 x 84 | 1829 x 2134 | CW-PG60-FW | FX | B7 | C4 | DP100 | DP60 |

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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 | 3.23 | 3.69 | 1.8 | 0.31 | 0.55 | 0.63 | 56 | ABC | N |
| LoE/Argon – HSG | 31 | 3.13 | 3.69 | 1.8 | 0.32 | 0.55 | 0.63 | 54 | ABC | N |
| LoE/Argon – HSG w Grills | 29 | 3.13 | 3.69 | 1.8 | 0.32 | 0.49 | 0.56 | 54 | AB | N |
| Energlas – HSG w Grills | 29 | 3.23 | 3.69 | 1.8 | 0.31 | 0.49 | 0.56 | 56 | ABC | N |
| Energlas – LSG | 21 | 3.45 | 4.10 | 1.6 | 0.29 | 0.31 | 0.55 | 58 | A | N,NC |
| LoE/Argon – LSG | 20 | 3.33 | 4.10 | 1.7 | 0.30 | 0.31 | 0.55 | 56 | A | N,NC |
| Energlas – LSG w Grills | 19 | 3.45 | 4.10 | 1.6 | 0.29 | 0.28 | 0.49 | 58 | A | N,NC,SC |
| LoE/Argon – LSG w Grills | 18 | 3.33 | 4.10 | 1.7 | 0.30 | 0.28 | 0.49 | 56 | A | N,NC,SC |
| Clear | 14 | 2.08 | 2.08 | 2.7 | 0.48 | 0.6 | 0.63 | 46 |  |  |
| Clear w Grills | 11 | 2.08 | 2.08 | 2.7 | 0.48 | 0.54 | 0.57 | 46 |  |  |
| **Triple Glazed** |  |  |  |  |  |  |  |  |  |  |  |
| Energlas Plus Krypton – HSG | 39 | 4.55 | 6.85 | 1.2 | 0.22 | 0.47 | 0.57 | 64 | ABCD |  |
| Energlas Plus Argon – HSG | 34 | 3.85 | 4.74 | 1.5 | 0.26 | 0.47 | 0.57 | 63 | ABCD | N |
| Energlas Plus Krypton – LSG | 28 | 5.00 | 7.94 | 1.1 | 0.20 | 0.24 | 0.43 | 64 | ABCD |  |
| Energlas Plus Argon – LSG | 22 | 4.00 | 5.13 | 1.4 | 0.25 | 0.25 | 0.43 | 63 | ABC | N,NC,SC,S |
| Triple Clear | 21 | 2.56 | 3.21 | 2.2 | 0.39 | 0.53 | 0.58 | 52 |  |  |
| Triple LoE/Argon x 1 LSG | 18 | 3.33 | 5.26 | 1.7 | 0.30 | 0.29 | 0.50 | 61 | A | N,NC,SC |
|  | \***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. | | | | | | | | | |  |