TRIMLINE CUSTOM WINDOWS

SKW200 *(Heritage)*

All-Wood • Sash Replacement Kit • Unitized Frame

PRODUCT SPECIFICATIONS

FRAME

- Vinyl jambliners are pre-loaded with block and tackle balances and are cut and notched to sill angle specified (zero to 14 degrees).
- Foam backed jambliners are reinforced with an extruded aluminum channel and are pre-drilled for installation screws and jamb adjuster. Snap-in caps are provided to cover all installation holes.
- Vinyl head plate is foam backed and includes weatherstipping and a ponderosa pine head plate.
- Vinyl sill profile is reinforced with an aluminum extrusion insert which allow the unitized frame to be securely fastened at the existing window sill.
- Vinyl jambliners, headplate, and sill profille are available in white.
- The vinyl frame system is designed for field assembly; optional factory assembly available.

SASH

- Exterior parts are of kiln dried ponderosa pine, treated with a water repellant preservative to protect from rot and insects. Also available in sapele.
- Sash wood parts are of kiln dried ponderosa pine, treated with a water repellant preservative to protect from rot and insects. Also available in sapele.
- Sash wood joints are tenoned, glued and nailed from the interior.
- Silicone glazed from the interior for a positive water tight seal.
- Overall finish sash thickness: 1 7⁄16″.
- Sash profile widths are: top rail (2 5⁄8″ (standard); optional 1 3⁄4″ available), stiles (1 3⁄4″ (standard); optional 2 5⁄8″ available), check rails (1 1⁄2″), bottom rail (3 1⁄4″ (standard); optional 2 5⁄8″ and 4″ available.)

EXTERIOR FINISH

- Standard factory primed white in pine (standard) and sapele
- Available in prefinished white in pine (standard) and sapele. Contact Trimline dealer for custom color details.

INTERIOR FINISH

- Standard in unfinished natural wood in specified species (pine (standard) and sapele) which can be painted or stained.
- Available factory primed or prefinished white in pine (standard) and sapele. Contact Trimline dealer for custom color details.

HARDWARE

- Hardware available in these following styles: Traditional and Restoration II.
- Sash lock and keeper are surface mounted cam action style. Recessed E-Z tilt sash release latches for top and bottom sash tilting. Dual lock/ lifts standard on units over 28″ wide; triple locks standard on units over 50″ wide. Sash lifts standard at bottom rail.
- Traditional style hardware is available in these finishes: White (Painted), Beige (Painted), Oil Rubbed Bronze (Plated) and Satin Nickel (Plated).
- Restoration II style hardware is available in these finishes: White (Painted), Black (Painted), Oil Rubbed Bronze (Plated), Antique Brass (Plated) and Satin Nickel (Plated).

BALANCES

- Concealed block and tackle system for smooth and effortless operation with locking cam action pivot shoes that never needs adjusting. AAMA 902-07 tested for over 28,000 cycles without failure.

WEATHERSTRIPPING

- Head, meeting rails and bottom rail are weather-sealed with Q-Lon® almond color compression seal foam; Fin-Seal® at the sill dam; dual Fin-Seal® and Q-Lon® at the vertical stiles / jambliner, Fin-Seal® at the sill dam and Fin-Seal® dust plugs at the meeting rails for low air infiltration.

GLASS

- Standard clear 11⁄16″ thick insulating glass, consisting of “double strength” 1⁄8″ (3 mm) annealed glass, 7⁄16″ air space using the Tremco™ EnerEDGE® warm-edge, dual-seal silicone foam spacer (dark charcoal), hermetically sealed with hot melt butyl.
- Glass also available in these thicknesses: 5⁄32″ (3.9 mm) with 3⁄8″ air space, 3⁄16″ (4.7 mm) with 5⁄16″ air space and 7⁄32″ (5.7 mm) with 1⁄4″ air space.
- Other glazing options include Cardinal® LoĒ^2-270 and with obscure, tempered, laminated, bronze or grey tint. Decorative glass also available. Cardinal® LoĒ^2-270 + LoĒ-i89 is available only in annealed and tempered.

INSECT SCREENS

- Optional full screen of .019″ thick roll-formed aluminum.
- Standard colors available: White, Bronze, Earthtone, Beige, Black and Hunter Green and meet the physical test requirements of AAMA 2603. Custom colors available.
- Charcoal fiberglass screen cloth (18″ × 16″ mesh) standard; optional screen mesh available in charcoal or aluminum color wire or Better View™ high transparency screening in charcoal fiberglass cloth only.

GRILLES

- Simulated Divided Lites (SDL) in a classic putty glazed 5⁄8″, 7⁄8″, 1¼″ or 1½″ wood (optional cPVC) muntin profile permanently applied to exterior of the insulated glass. cPVC exterior grille is not available if the wood species of the window is sapele. Double faced tape is used to apply muntin to the glass which first is prepared with a saline type glass bonding and coupling agent before muntin is applied to help ensure lasting adhesion. An optional between the glass dark anodized bronze shadow bar is available for an authentic true divided lite look. Interior wood in pine (standard) and sapele matching the interior wood species in either permanent or removable style 5⁄8″ or 7⁄8″ wide divided lite patterns only. Removable style not available in 1¼″ and 1½″ widths. 1 ½″ simulated divided lite with spacer bar is only availble as (1) single vertical bar.
- Removable wood grilles available in 5⁄8″ or 7⁄8″ wide classic double stepped profile matching window interior wood species in pine (standard) and sapele in a wide array of standard or custom divided lite patterns only.
- In-glass aluminum “GBG” (Grille Between the Glass) muntins are available in 5⁄8″ flat profile or 7⁄8″ profile profile in all standard exterior cladding color finishes for dust free easy cleaning. Available in either divided lite or diamond patterns.

ACCESSORIES

- A standard zero clearance mullion is used for factory mulling of windows without increasing the combined unit dimension of the windows mulled.
- Interior wooden mullion covers in pine (standard) and sapele are provided loose.
- 11⁄16″ interior wooden jamb extension in pine are factory applied to the perimeter of the window and are available in custom sizes to provide an overall jamb depth up to 9″.

THERMAL PERFORMANCE

		Cardinal® Clear	Cardinal® LoĒ²-270	Cardinal® LoĒ²-270 + LoĒ-i89
No Grids	U-Factor	0.47	0.30	0.27
	R-Value	2.1	3.3	3.7
	Solar Heat Gain Coefficient	0.60	0.30	0.29
	Visible Transmittance	0.62	0.54	0.52
<1" Grids	Solar Heat Gain Coefficient	0.53	0.27	0.26
	Visible Transmittance	0.55	0.48	0.46
True Divided Lite Grids	U-Factor	0.49	0.35	0.32
	R-Value	2.04	2.86	3.13
	Solar Heat Gain Coefficient	0.48	0.24	0.24
	Visible Transmittance	0.49	0.42	0.41
Condensation Resistance Factor		43	58	48

STRUCTURAL PERFORMANCE

- ASTM E330 – No glass breakage
- ASTM E547 – No water leakage