



Ultra-Fit Series

Presidential Sash Pac

All Wood • For Sash Replacement • Double Hung Window With Square Frame, Arched Sash

PRODUCT SPECIFICATIONS

FRAME

- Vinyl jambliners are pre-loaded with block and tackle balancers 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 weatherstripping 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 profile is designed for field assembly. Optional factory assembly available.

SASH

- Sashes are of kiln dried ponderosa pine, treated with a water repellant preservative. Optional mahogany available.
- Sash 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 $\frac{7}{16}$ ".
- Sash profile widths are: stiles (1 $\frac{3}{4}$ "), top rail (2 $\frac{5}{8}$ "), meeting rails (1 $\frac{7}{16}$ ") and bottom rail (3 $\frac{1}{4}$ "). Optional 4" bottom rail available.
- Unequal sash heights can be specified.
- Top and bottom operating sashes with locking pivot shoe tilt-in and can be removed for finishing or cleaning.

EXTERIOR FINISH

- Standard factory primed white in pine (standard) or mahogany.
- Available in unfinished natural wood or prefinished white in pine (standard) or mahogany. Contact Trimline dealer for custom color details.

INTERIOR FINISH

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

HARDWARE

- Sash lock and keeper are surface mounted cam action style.
- Recessed E-Z tilt sash release latches for top and bottom sash tilting; top sash fixed.
- Dual lock/lifts standard on units over 28" wide; triple locks standard on units over 50" wide. Sash lifts standard at bottom rail.
- All hardware components are of zinc alloy in matching finish available in: almond, white or bronze powder coat finish; antique brass, oil rubbed bronze or polished chrome and bright brass plated finish also available.
- The Ultra-Fit system includes jamb adjusters which are anchored in an aluminum channel reinforcement to provide jambliner adjustment to remove any bowing or hour-glassing.

BALANCE SYSTEM

- 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.
- Vinyl jambliner available in almond or white.

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 $\frac{11}{16}$ " thick insulating glass, consisting of "double strength" 3 mm annealed glass, $\frac{7}{16}$ " air space using Tremco's EnerEDGE® warm-edge, dual-seal silicone foam spacer, hermetically sealed with hot melt butyl.
- All insulating glass units meet IGMA and NFRC 706 requirements for seal durability and gas retention per ASTM E2190, E2188-10 & E2189-10.
- Other glazing options Comfort E and Comfort E Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint. Decorative glass also available.

INSECT SCREENS (OPTIONAL)

- Optional full screen of .019" thick roll-formed aluminum.
- Standard colors available: white, bronze, earthtone, beige, black and hunter green. Custom colors also available.
- Charcoal fiberglass screen cloth (18 x 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 $\frac{5}{8}$ ", $\frac{7}{8}$ ", 1", 1 $\frac{1}{4}$ " or 1 $\frac{1}{2}$ " wood (optional cPVC) muntin profile permanently applied to exterior of the insulated glass. 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 bronze shadow bar is available for an authentic true divided lite look. Interior wood in pine (standard) or mahogany matching the interior wood species in either permanent or removable style $\frac{5}{8}$ " or $\frac{7}{8}$ " wide divided lite patterns only. Removable style not available in 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ " widths.
- **True Divided Lites (TDL):** Available in 1 $\frac{1}{8}$ " width in pine only. TDL bar has the look of historically accurate true putty glazing.
- **Removable wood grilles** available in $\frac{5}{8}$ " or $\frac{7}{8}$ " wide classic double stepped profile matching window interior wood species in pine (standard) or mahogany in a wide array of standard or custom divided lite patterns only.
- **In-glass aluminum "GBG"** (Grille Between the Glass) muntins are available in $\frac{5}{8}$ " flat profile or $\frac{7}{8}$ " sculptured profile in all standard exterior cladding color finishes for dust free easy cleaning. Available in either divided lite or diamond patterns.
- **Combo wood-aluminum:** $\frac{5}{8}$ " flat or $\frac{3}{4}$ " sculptured in-glass aluminum muntin with either permanently applied (see SDL) or removable wooden interior wood grille in pine (standard) or mahogany.

WARRANTY

- Limited 10 year.
- 20 years non-prorated on insulating glass.
- Non-square, decorative/leaded glass 5 years.

PERFORMANCE

Thermal Ratings

Glazing	U-Value	R-Value	SHGC	VT	CRF
Comfort E	.30	3.33	.30	.54	58
Comfort E Plus	.27	3.70	.29	.52	48

Comfort E – 3mm RLE CS-36 (#2) / Clear / Argon

Comfort E Plus – 3 mm RLE CS-36 (#2) / CS-72 (#4) / Argon

SHGC = Solar Heat Gain Coefficient

VT = Visible Transmittance

TEST STANDARDS

- NFRC certified: meets or exceeds rating and labeling requirements as per NFRC 100, 200 and 500 test procedures.
- ENERGY STAR® certified