



PRODUCT SERIES: ULTRA-FIT

PRODUCT: HERITAGE ALL WOOD (FOR DOUBLE-HUNG SASH REPLACEMENT)

PRODUCT SPECIFICATIONS

<p>FRAME</p>	<ul style="list-style-type: none"> • 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 western 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. (factory assembly available)
<p>SASH</p>	<ul style="list-style-type: none"> • Silicone glazed from the interior for a positive water tight seal; sash joints are glued, tenoned and nailed from the interior. • Standard sash are of the finest quality kiln dried solid select 6/4 Western Pine treated with a water repellent preservative. Optional mahogany also available. • Operating sash with locking pivot shoe tilt-in and can be removed for safe easy cleaning. • Sash profile dimensions are: stiles (1 3/4"), top rail (2 5/8"), bottom rail (3 1/4" and 4.0") and meeting rails (1 7/16"). • Unequal sash heights can be specified.
<p>EXTERIOR FINISH</p>	<ul style="list-style-type: none"> • Sash are of standard primed pine or optional mahogany. • Available factory prefinished white. Contact Trimline dealer for custom color details.
<p>INTERIOR FINISH</p>	<ul style="list-style-type: none"> • Standard in unfinished natural wood in specified species that can be painted or stained. • Available factory primed or prefinished white. Contact TrimLine dealer for custom color details.
<p>HARDWARE</p>	<ul style="list-style-type: none"> • Sash lock and keeper are surface mounted cam action style. • Dual lock/lifts standard on units over 28" wide. Sash lifts standard at bottom rail. Optional routed lifts. • Recessed E-Z tilt sash release latches for top and bottom sash tilting. • All hardware components are of zinc alloy in matching finish available in: almond, white, bronze, chrome, brass, antique brass and oil rubbed bronze. • 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.
<p>BALANCE SYSTEM</p>	<ul style="list-style-type: none"> • Concealed block and tackle system for smooth and effortless operation with locking cam action pivot shoes and never needs adjusting. AAMA 902-07 tested for over 28,000 cycles without failure. • Vinyl jambliner available in almond or white.
<p>WEATHERSTRIPPING</p>	<ul style="list-style-type: none"> • Head, bottom rail and meeting rail are weather sealed with almond color compression seal foam Q-Lon®; dual Fin-Seal® and Q-Lon® at vertical stile/jambliner, pile weatherstripping at the sill dam and Fin-Seal® dust plugs at meeting rails for low air-infiltration.
<p>GLASS</p>	<ul style="list-style-type: none"> • Standard clear 11/16" thick insulating glass, consisting of "double strength" 3mm annealed glass, 7/16" airspace using warm edge dual seal EnerEDGE silicone foam spacer, hermetically sealed with hot melt butyl. • All insulating glass units meets IGMA and NFRC 706 requirements for seal durability and gas retention as per ASTM E2190, E2188-10 & E2189-10. • Other glazing options include ClimaGuard and ClimaGuard Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint. Decorative glass also available.

<p>INSECT SCREENS (OPTIONAL)</p>	<ul style="list-style-type: none"> • Optional full screen of .019 thick roll formed aluminum; spring loaded plunger hardware system used to mount screen to exterior brickmould of window; crossbrace used on windows over 40" in height. • 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 cloth or Clear View™ high transparency screening in charcoal cloth only. 																														
<p>GRILLES</p>	<ul style="list-style-type: none"> • Simulated Divided lites (SDL) In a classic putty glazed 5/8", 7/8", 1", 1-1/4" or 1-1/2" 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 5/8" or 7/8" wide divided lite patterns only. Removable style not available in 1", 1-1/4", 1-1/2" widths. • True Divided lites (TDL): Available in 1-1/8" width in pine only. TDL bar has the look of historically accurate true putty glazing. • Removable wood grilles: Available in 5/8" or 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" (grilles between the glass) muntins are available in 5/8" flat profile or 3/4" 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: 5/8" flat or 3/4" sculptured in-glass aluminum muntin with either permanently applied (see SDL) or removable wooden interior wood grille in pine (standard) or mahogany. 																														
<p>WARRANTY</p>	<ul style="list-style-type: none"> • Limited 10 year. • 20 years non-prorated on insulating glass. • Non-square, decorative/leaded glass 5 years. 																														
<p>PERFORMANCE</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: center;">Thermal Ratings</th> </tr> <tr> <th style="text-align: center;"><u>Glazing</u></th> <th style="text-align: center;"><u>U-Value</u></th> <th style="text-align: center;"><u>R-Value</u></th> <th style="text-align: center;"><u>SHGC</u></th> <th style="text-align: center;"><u>V.T.</u></th> <th style="text-align: center;"><u>CRF</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Clear</td> <td style="text-align: center;">.47</td> <td style="text-align: center;">2.13</td> <td style="text-align: center;">.60</td> <td style="text-align: center;">.62</td> <td style="text-align: center;">43</td> </tr> <tr> <td style="text-align: center;">ClimaGuard</td> <td style="text-align: center;">.30</td> <td style="text-align: center;">3.33</td> <td style="text-align: center;">.30</td> <td style="text-align: center;">.54</td> <td style="text-align: center;">58</td> </tr> <tr> <td style="text-align: center;">ClimaGuard Plus</td> <td style="text-align: center;">.27</td> <td style="text-align: center;">3.70</td> <td style="text-align: center;">.29</td> <td style="text-align: center;">.52</td> <td style="text-align: center;">48</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 5px;">Clima Guard - 3mm RLE 7138 (#2) / Clear / Argon Clima Guard Plus - 3mm RLE 7138 (#2) / IS-20 (#4) / Argon</p>	Thermal Ratings						<u>Glazing</u>	<u>U-Value</u>	<u>R-Value</u>	<u>SHGC</u>	<u>V.T.</u>	<u>CRF</u>	Clear	.47	2.13	.60	.62	43	ClimaGuard	.30	3.33	.30	.54	58	ClimaGuard Plus	.27	3.70	.29	.52	48
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<p>TEST STANDARD</p>	<ul style="list-style-type: none"> • NFRC Certified: meets or exceeds rating and lableing requirements as per NFRC 100, 200 and 500 test procedures. 																														