DPW300 *(LPW300)*

All-Wood • Double-Hung Picture • Full Jamb

PRODUCT SPECIFICATIONS

FRAME

- Head, jamb and sill frame parts are of kiln dried ponderosa pine, treated with a water repellant preservative to protect from rot and insects. Also available in sapele.
- Blind stop and sill are also available in cPVC in addition to pine (standard) and sapele
- Head and jamb joints are tenoned, glued and nailed.
- Frame thickness of 11⁄16″ at head and jamb.
- Standard jamb depth: 4 9⁄16″
- Sill is 1″ thick on a 9 degree angle and is designed for remodeling or new construction installation.
- Available with optional 3⁄8″ foam wrap for air tight installation.
- A continuous sill (up to 120″) is used on mulled units.

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″ (standard). Optional 1 3⁄4 sash available.
- 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), 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.

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.

GRILLES

- Optional faux check rail in a classic putty glazed 1½″ wood profile permanently applied to the exterior of the insulated glass. Double faced tape is used to apply faux check rail to the glass which first is prepared with a saline type glass bonding and coupling agent before faux check rail is applied to help ensure lasting adhesion. A dark anodized bronze shadow bar is included between the glass for an authentic check rail look. Interior wood in pine (standard) and sapele matching the interior wood species.
- Simulated Divided Lites (SDL) in a classic putty glazed ⅝″, ⅞″, 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 ⅝″ or ⅞″ wide divided lite patterns only. Removable style not available in 1¼″ and 1½″ widths.
- Removable wood grilles available in ⅝″ or ⅞″ 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 ⅝″ flat profile or ⅞″ profile profile in all standard exterior cladding color finishes for dust free easy cleaning. Available in either divided lite or diamond patterns.

ACCESSORIES

- Brickmoulds available in over a dozen different profiles.
- Optional 1¾″ historic sill in pine (standard), sapele or cPVC.
- 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	0.45	0.28	0.25
	R-Value	2.2	3.6	4.0
	Solar Heat Gain Coefficient	0.58	0.29	0.28
	Visible Transmittance	0.60	0.52	0.51
<1″ Grids	Solar Heat Gain Coefficient	0.52	0.26	0.26
	Visible Transmittance	0.54	0.46	0.45
True Divided Lite Grids	U-Factor	0.47	0.33	0.30
	R-Value	2.13	3.03	3.33
	Solar Heat Gain Coefficient	0.46	0.24	0.23
	Visible Transmittance	0.47	0.41	0.40
Condensation Resistance Factor		45	60	49

STRUCTURAL PERFORMANCE

- Test speciman: 60.00″ × 60.00″ (1524 mm × 1524 mm)
- Air infiltration: <0.01 cfm⁄ft² cfm⁄ft²
- Performance-Class Grade: CW-40