



Wood Series Collection

REPLACEMENT ~ REMODELING  
HISTORIC ~ ARCHITECTURAL

*Energy-Tight Windows for Comfortable Living and Fuel Efficiency.*



**TrimLine**<sup>®</sup>  
WINDOWS INCORPORATED

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**T**rimLine Windows, Inc., founded by Frank L. Zimmerman, is a third generation family owned company which has been manufacturing windows for nearly 50 years. Dennis J. Teeling has been Owner and President of the company since 1983 and continues to oversee daily operations. Located in suburban Philadelphia, TrimLine currently operates three manufacturing plants.

TrimLine specializes in the manufacture of Custom Aluminum Clad Wood and All Wood / cPVC (cellular PVC) windows with one of the broadest product lines in the replacement and remodeling industry. Our extensive product line includes double hung, casement, bay, bow, awning, picture windows, and sash replacement kits, as well as radius top, trapezoidal, and other architectural windows. Trimline features custom windows for replacement, remodeling, certified historic rehabilitation, and other large re-purpose projects. The four key product lines include the Legends Clad Series, Liberty Wood Series, Ultra-Fit Sash Replacement Kit Series, and the Architectural Series.

The Liberty Series is an all wood / cPVC window that is available in a full jamb, specifically designed for either a pocket insert replacement installation, complete tear-out or with nail fin for new construction. TrimLine's no-rot cPVC Freedom Frame System is a type of plastic that was engineered to imitate wood. The Freedom Frame mimics most of wood's virtues but gives you the "freedom" from keeping up with the maintenance that a wood window frame requires. cPVC can be cut, milled, nailed, shaped, and routed but unlike wood is nonporous and guards against warping, cupping, splitting, and rotting. The cPVC Frame system is weather resistant and has an ultra smooth surface for acceptance of a superior optional factory prefinish in virtually any color. A number of standard brickmoulding styles are available as well as custom profiles for certified historic rehabilitation projects. Custom radius head double hungs with True Divided Lites are also available to meet historic requirements.

Designed to maintain the architectural and historical integrity of any home or building, TrimLine also provides an array of architectural shapes that can be factory or field mulled with other Liberty Series products.





*Shown in optional two-tone factory finish with 3 1/2" flat brickmoulding and 1 3/4" historic sill nosing.*

REPLACEMENT  
∞  
REMODELING  
∞  
HISTORIC  
∞  
ARCHITECTURAL

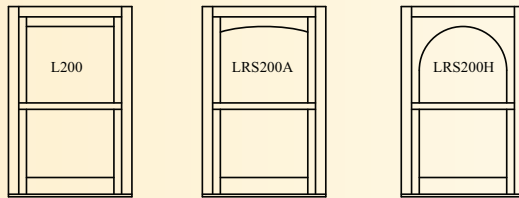
**Product Description**

<b>L200 / L200S</b>	4 9/16" Replacement Frame No Brickmould
<b>L300 / L300S</b>	Full Frame w/ Brickmould
<b>LPW200</b>	4 9/16" Replacement Picture Window No Brickmould
<b>LPW300</b>	Full Frame Picture Window w/ Brickmould
<b>LRS400</b>	Square Frame / Arch Sash
<b>LRS500</b>	Square Frame / Half Round Sash

**Product Description**

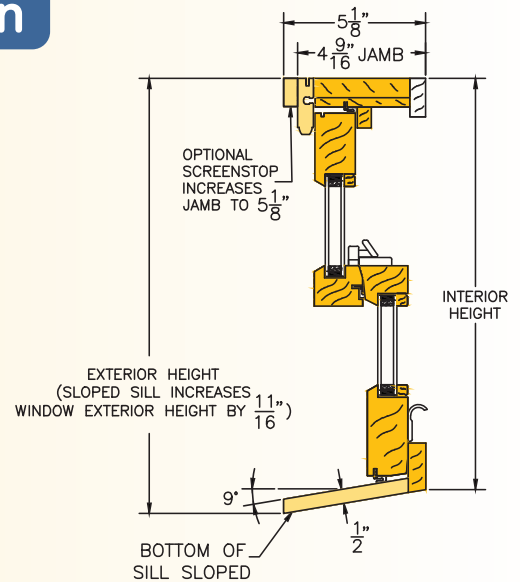
<b>LRS400RB</b>	Square Frame / Arch Sash w/ Radius Brickmould
<b>LRS500RB</b>	Square Frame / Half Round Sash w/ Radius Brickmould
<b>LRF400</b>	Arched Frame/ Arch Sash
<b>LRF500</b>	Half Round Frame / Half Round Sash
<b>LRS200A</b>	Square Frame / Arch Sash 200 Series
<b>LRS200H</b>	Square Frame / Half Round Sash 200 Series

**Replacement / Sash Pocket Installation**

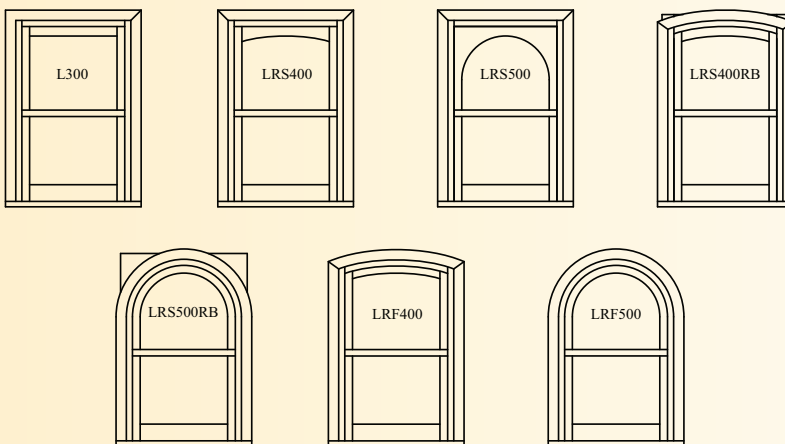


**Replacement / Sash Pocket Installation**

- Insert Frame requires 4 9/16" Sash Pocket
- 1/2" Thick Replacement Sill
- No Brickmoulding
- Exterior Height is 1 1/16" Larger than Interior
- 9 Degree Sill Slope
- Optional Full or Half Screen Available
- Primed Exterior Standard

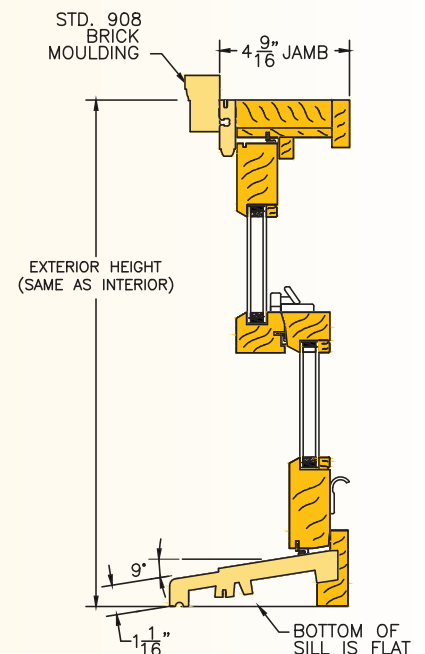


**Remodeling or New Construction**



**Remodeling or New Construction**

- Standard 4 9/16" Jamb
- 1 1/8" Sill Thickness
- Choice of Brickmould Profiles
- Interior & Exterior Frame Height is the same
- Includes Screen
- Available with Optional Historic 1 3/4" Sill Nose & 4" Bottom Rail
- Frame accepts Snap-In Folding Nail Flange
- Primed Exterior Standard

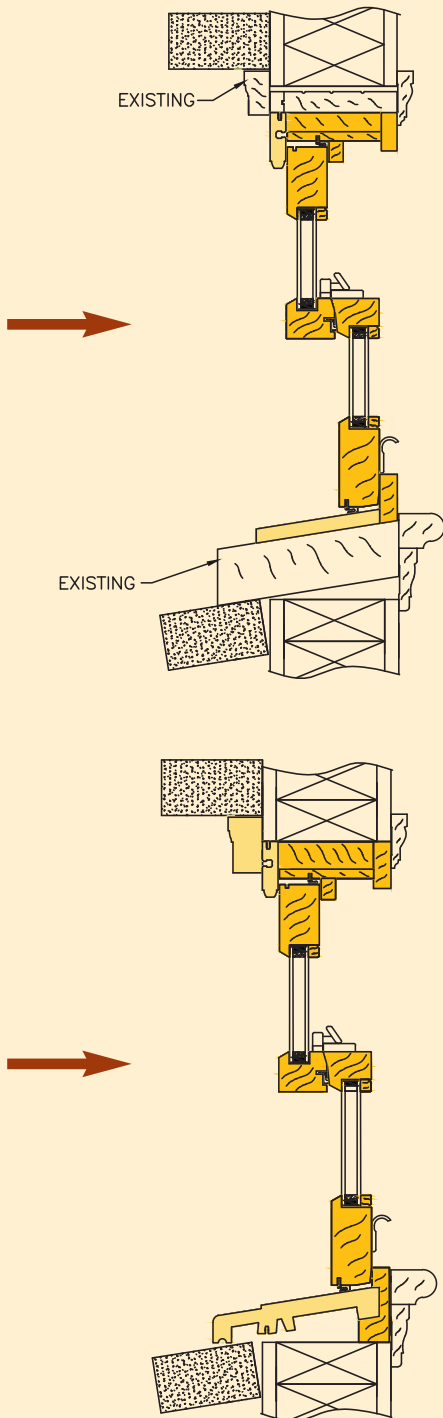


## L200

### Replacement / Sash Pocket Installation

**Series L200 / L200S** is available in custom sizes in  $4 \frac{9}{16}$ " insert frame for sash pocket installation – No Brickmould

- Requires  $4 \frac{9}{16}$ " sash pocket
- 9 degree sloped sill increases exterior height by  $\frac{11}{16}$ "
- $\frac{1}{2}$ " Replacement sill thickness
- Installs from the exterior
- Optional 4" bottom rail
- Features No-Rot Freedom Frame



## L300

### Remodeling or New Construction

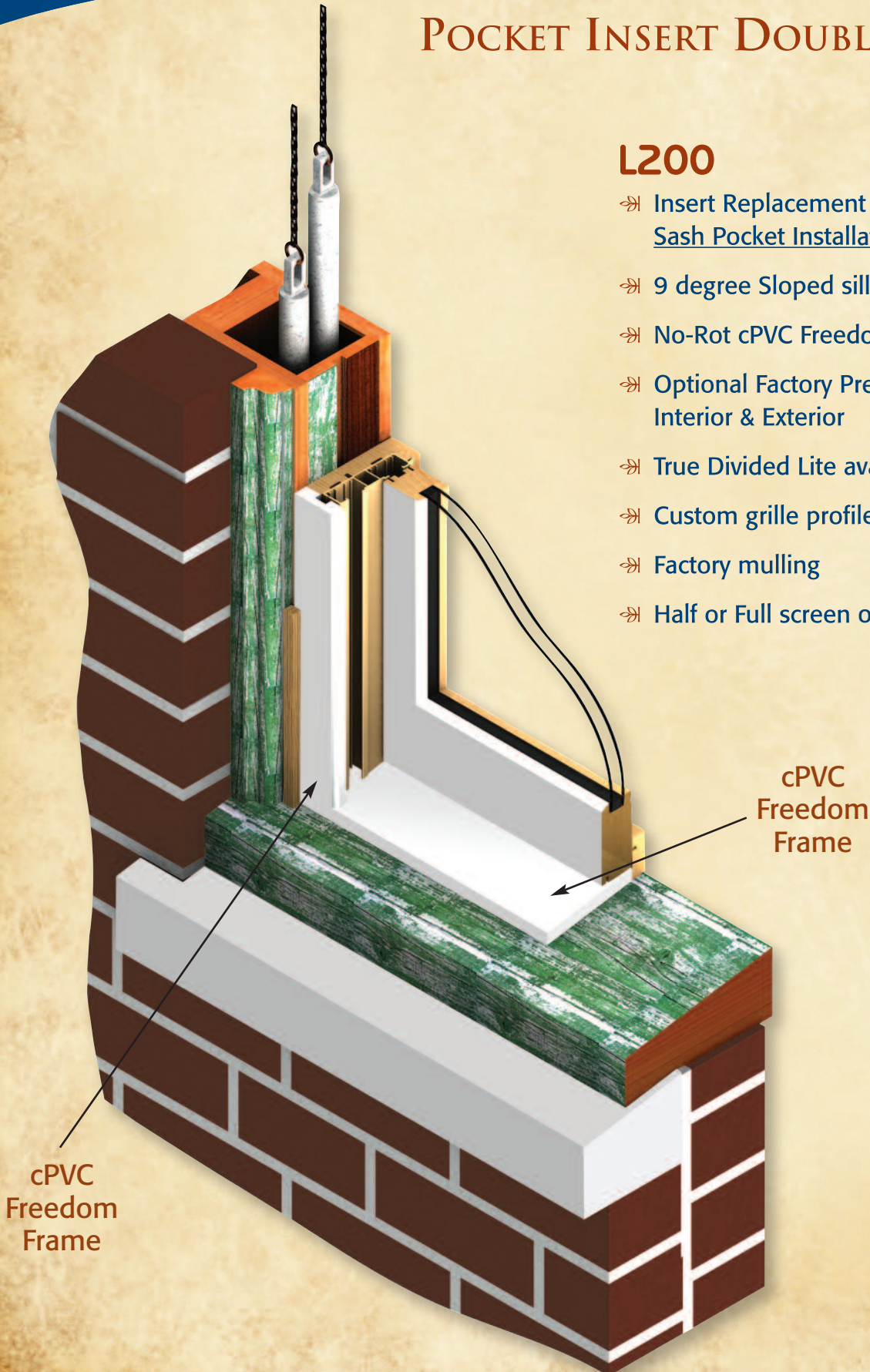
**Series L300 / L300S** available custom sized in  $4 \frac{9}{16}$ " jamb for masonry or rough opening installation & with choice of Brickmould Style (see pages 17 & 18).

- Standard  $4 \frac{9}{16}$ " jamb
- Bottom of sill is flat
- $1 \frac{1}{8}$ " sill thickness
- Interior and exterior height are the same
- Optional 4" bottom rail
- Available with optional  $1 \frac{3}{4}$ " Historic sill nose
- Features No-Rot Freedom Frame
- Frame accepts snap-in folding nail flange

## POCKET INSERT DOUBLE HUNG

### L200

- ✦ Insert Replacement Frame for 4 9/16" Sash Pocket Installations
- ✦ 9 degree Sloped sill
- ✦ No-Rot cPVC Freedom Frame
- ✦ Optional Factory Pre-finished Interior & Exterior
- ✦ True Divided Lite available
- ✦ Custom grille profiles & patterns
- ✦ Factory mulling
- ✦ Half or Full screen option



## REMODELING DOUBLE HUNG

### L300

- For new openings or remodeling installations with Complete Frame Tear-Out
- Twelve No-Rot cPVC Freedom Frame Brickmould styles to choose from or custom profile
- No-Rot cPVC Freedom Frame
- True Divided Lite available
- Applied extension jambs
- Custom grille profiles & patterns
- Factory mulling with Historic spread mull options
- Optional 1 3/4" Historic Sill Nose
- Freedom Frame accepts Snap-in folding Nail-Flange
- Snap-Fit brickmould profiles available
- Optional Factory Pre-finish Interior & Exterior
- Factory mulling with continuous sill up to 12'

cPVC  
Freedom  
Frame

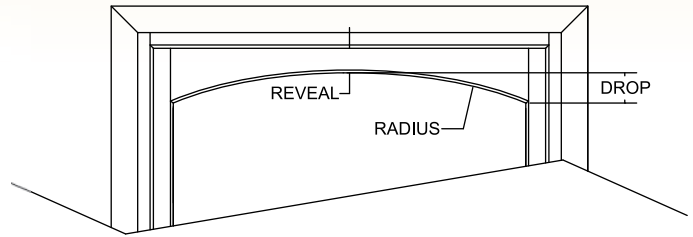


## SEGMENTED ARCH

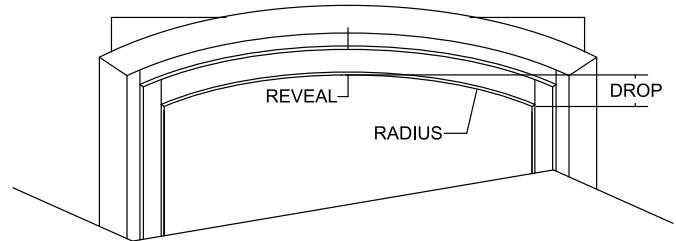
Custom cPVC & Wood for Replacement, Remodeling and Certified Historic Rehabilitation

- Pine or Mahogany
- Custom brickmould
- Replication of mullion details
- High Performance Glass
- True Divided or Simulated Divided Lite Systems
- Radius Casing
- Prefinishing

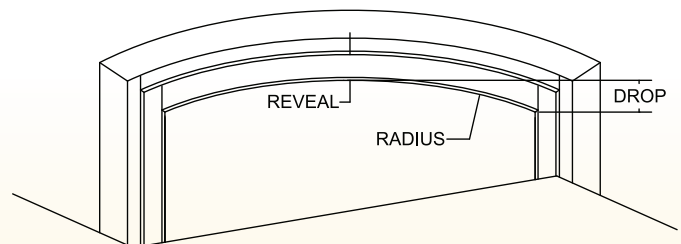
**LRS-400**  
Square Frame /  
Arched Sash



**LRS-400RB**  
Square Frame /  
Arched Sash  
with Radius  
Brickmould



**LRF-400**  
Arched Frame  
with Arched Sash



**\*For Curved Casing Options,  
see page 22.**

*CNC milling  
technology  
ensures the  
quality of  
intricate designs  
can be repeated  
accurately.*



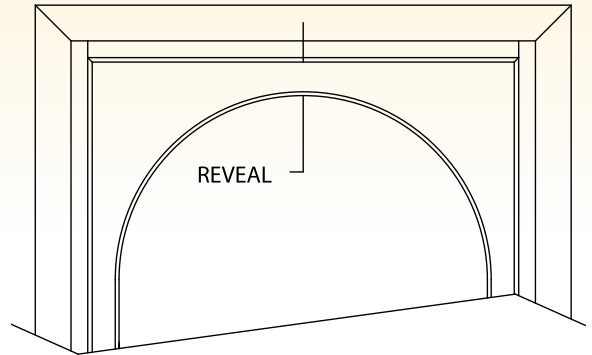


# HALF ROUND

Custom cPVC & Wood for Replacement, Remodeling and Certified Historic Rehabilitation

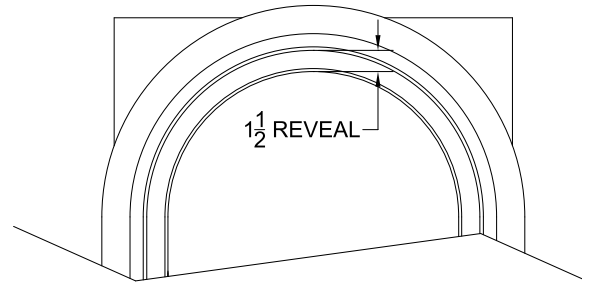
## LRS-500

Square Frame /  
Half Round Sash



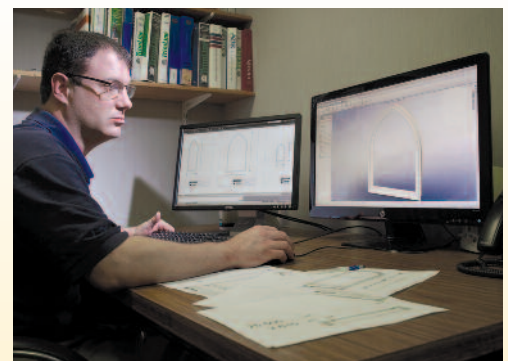
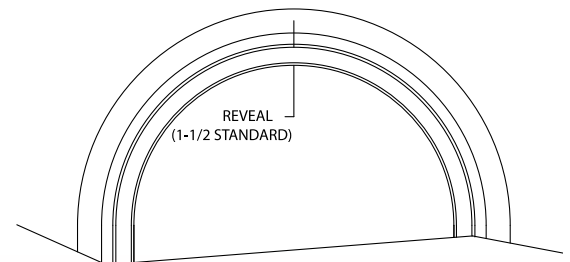
## LRS-500RB

Square Frame /  
Half Round Sash  
with Radius  
Brickmould



## LRF-500

Half Round Frame  
with Half Round Sash

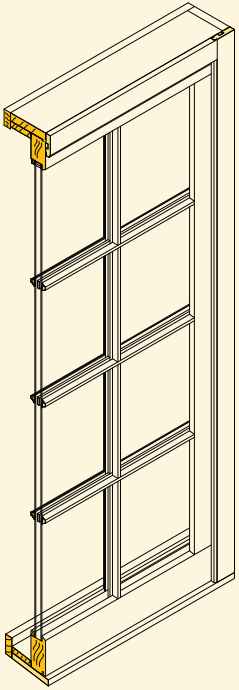


TrimLine's Liberty Wood Series products are used on Historic Certified Rehabilitation projects sanctioned by the National Park Service

A custom radius can be achieved to match existing openings by providing the drop and reveal or radius.

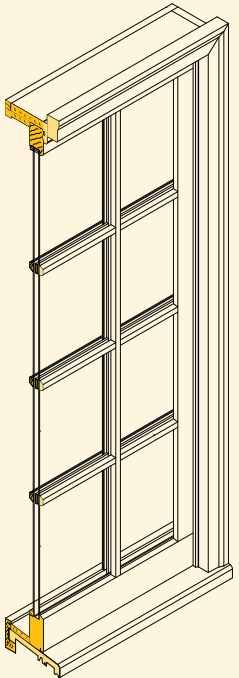
## PICTURE WINDOWS

### LPW200



**For Sash Pocket Insert  
Installations**

### LPW300



**For Complete Tear-Out  
Installations or  
New Openings**



Picture Windows can be mullied to Double Hungs, Casements or Awnings to create a variety of combination units that will suit any style home. Decorative Glass can also be used to create a unique look (see page 19 for designs).

## CASEMENT / AWNING SERIES



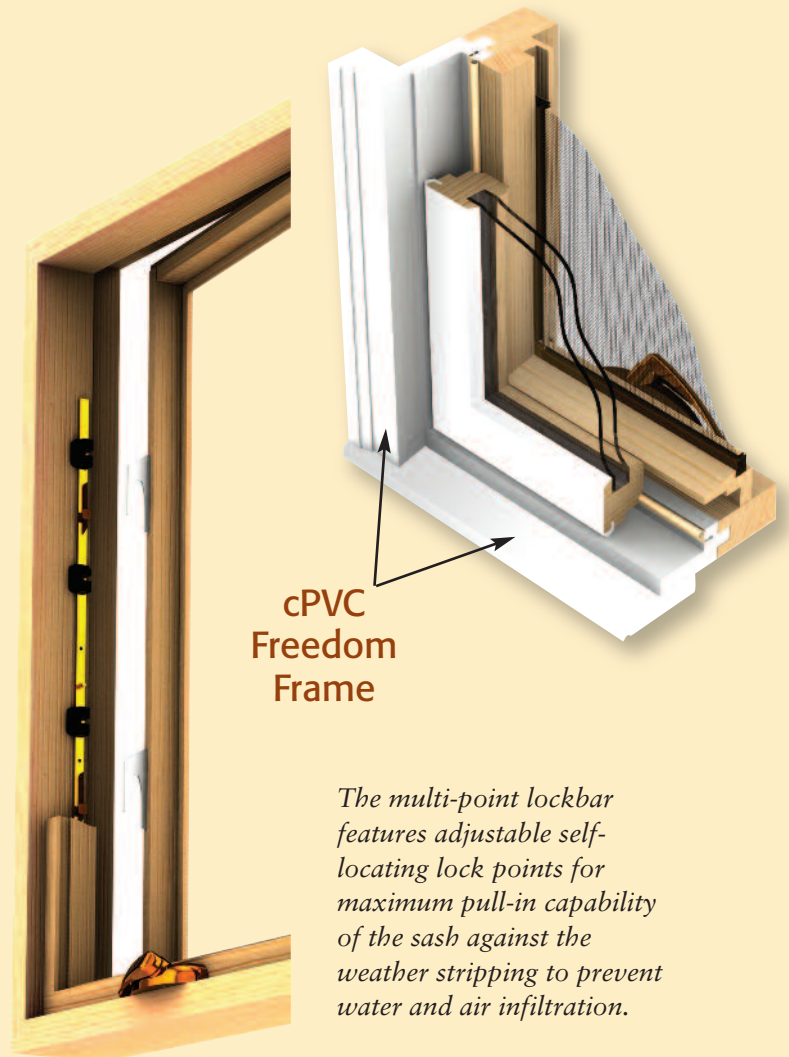
LC4000 casement in optional solid mahogany interior with antique brass hardware and  $\frac{5}{8}$ " wooden removable grille with snap-fit surround frame.



The concealed 2-bar "Washability Hinge" is tamper resistant and allows for quick and precise sash re-alignment within the window frame. The snap-ring detach feature also allows for quick sash removal. A nylon shoe slides along the stainless steel hinge track providing self cleaning action for longer life. Egress and 4-bar hinges are also available.



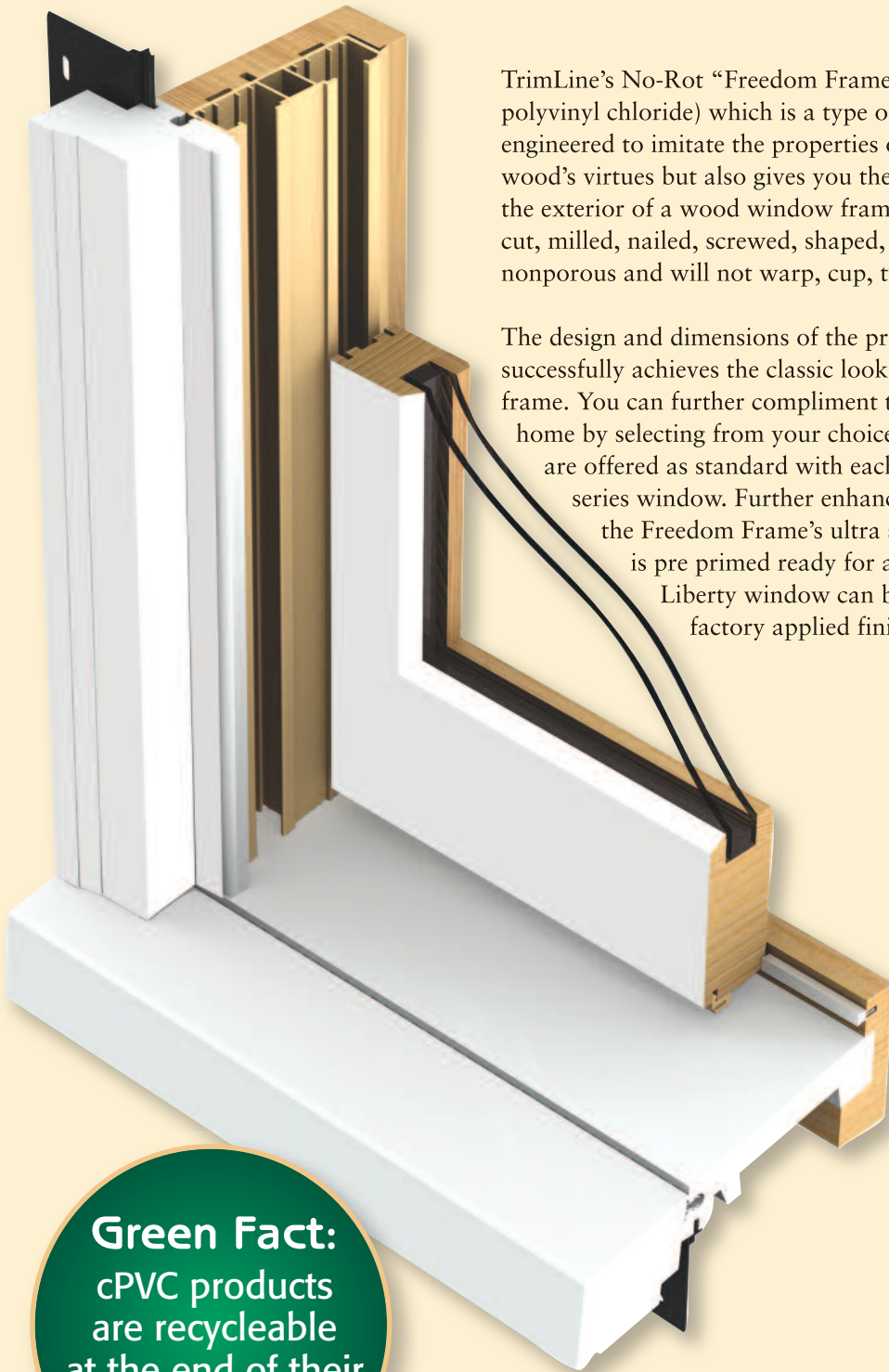
The multi-point locking system features a single lock handle conveniently located at the bottom of the sash for hard to reach windows. (Shown in brass finish)



cPVC Freedom Frame

The multi-point lockbar features adjustable self-locating lock points for maximum pull-in capability of the sash against the weather stripping to prevent water and air infiltration.

## New and Improved – No-Rot cPVC Freedom Frame System



TrimLine's No-Rot "Freedom Frame System" is made from cPVC (cellular polyvinyl chloride) which is a type of rigid plastic foam material that has been engineered to imitate the properties of wood. It not only mimics most of wood's virtues but also gives you the "Freedom" from the maintenance that the exterior of a wood window frame routinely requires. The material can be cut, milled, nailed, screwed, shaped, routed and bent but unlike wood it is nonporous and will not warp, cup, twist, split, check or rot.

The design and dimensions of the profiles used in the Freedom Frame System successfully achieves the classic look and feel of a traditional wood window frame. You can further compliment the character of the window and your home by selecting from your choice of 12 exterior brick mould styles which are offered as standard with each and every style, shape and size Liberty series window. Further enhancing the traditional wood window look is the Freedom Frame's ultra smooth, moisture repellant surface which is pre primed ready for acceptance of your finish coat or your Liberty window can be ordered prefinished with a high quality factory applied finish in virtually any color.

### Physical Characteristics

The ability to bend and shape cPVC enables its use in a variety of processes and applications...and like wood, it can be cut, nailed, shaped, routed and bent.

Unlike wood, however, cPVC is nonporous and is impervious to water and therefore will not warp, split, twist, check or decay.

### Low Maintenance

cPVC is resistant to weathering and unlike wood is impervious to water and therefore will not absorb moisture, which is the main cause for repainting and repairing wood without proper maintenance. Moisture absorption can make wood swell and with subsequent drying and expansion and contraction, it is what causes paint to peel, flake, and crackle.

### Fire Properties

cPVC is typically very difficult to ignite and tends to self-extinguish when not in a directly applied flame.

**Green Fact:**  
cPVC products  
are recyclable  
at the end of their  
useful lives

*Shown with 908 brickmould,  
beige jambliner and optional  
1 3/4" Historic Sill Nose*

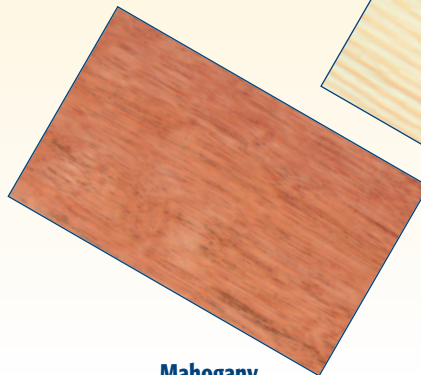
*\*Also available in all wood. (See page 22)*

# WOOD SPECIES & FINISHING OPTIONS

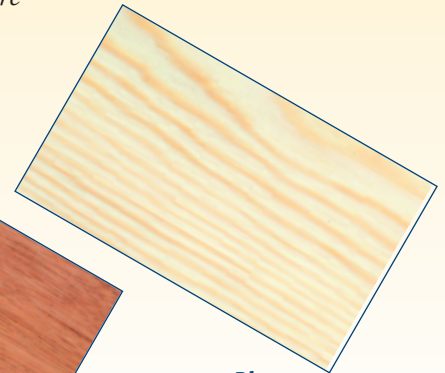
All wood components are milled to precision and treated with a wood preservative and are paintable or stainable to match your existing woodwork and room décor.

## Factory Priming and Prefinishing Available

- Standard Primed Exterior
- Optional Primed Interior
- Optional Prefinished Interior and Exterior
- Natural unfinished interior or exterior also available



**Mahogany**



**Pine**  
(Standard)



*At the heart of Trimline's prefinishing process is the Prime Heat HalCon curing tunnel which uses halogen short wave heating elements to convert electrical energy into infrared, which penetrates deeper and faster into the finish coating thereby promoting a more durable and consistently smoother finish by curing from the inside out.*

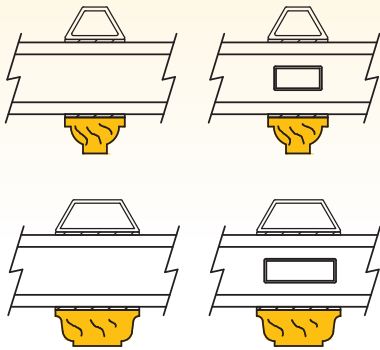
**Green Fact:**  
Non-hazardous  
by EPA does not  
contain lead or  
chromates.

TrimLine Windows utilizes a high-performance Sherwin-Williams product, Kem Aqua BP Enamel, a low-VOC polyurethane-acrylic enamel topcoat developed specifically for in-shop finishing of windows. Kem Aqua BP Enamel provides excellent adhesion on both wood and cPVC composites, with exceptional long-term exterior durability.

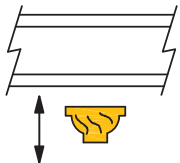
Kem Aqua BP Enamel's unique resin technology provides excellent color and gloss retention so colors keep their original depth and gloss longer, meeting the strict requirements of both the American Architectural Manufacturers Association (AAMA) as well as the Window and Door Manufacturers Association (WDMA). A wide range of color options makes it easy to achieve clean whites, popular earth tones, and rich, custom colors ... virtually ANY custom color can be matched.



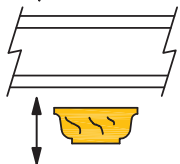
## GRILLE OPTIONS



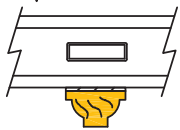
5/8" or 7/8" applied exterior extruded cPVC muntin with applied or removable wood interior grille; optional bronze spacer bar also available.



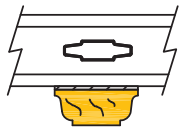
5/8" Removable Interior Wood Grille



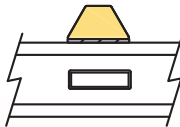
7/8" Removable Interior Wood Grille



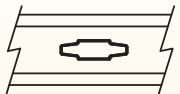
5/8" Combination Interior Wood Grille with 5/8" flat aluminum in-glass grille



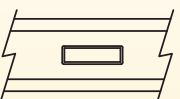
7/8" Combination Interior Wood Grille with 3/4" profile aluminum in-glass grille



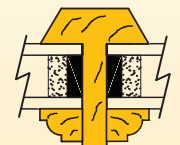
5/8" Flat in Glass grille with an extruded cPVC 5/8" exterior grille



3/4" Profile in-glass grille



5/8" Flat in-glass grille



1 1/8" True Divided Lite



5/8" SDL with spacer bar



7/8" Wooden removable interior



5/8" Flat in-glass

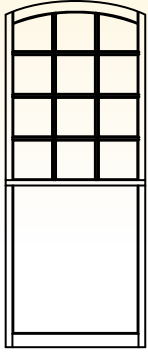


1 1/8" True Divided Lite

# GRILLE PATTERNS

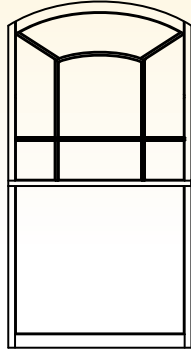
Available In-glass & SDL Permanent Grille Only (5/8" or 7/8)

## Colonial\*

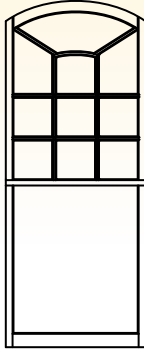


12L

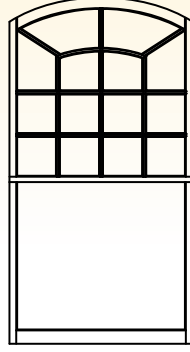
## Renaissance



7L

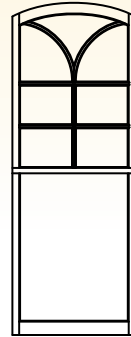


10L

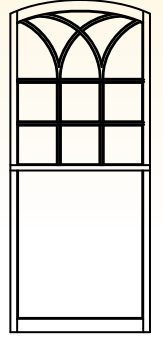


14L

## Gothic

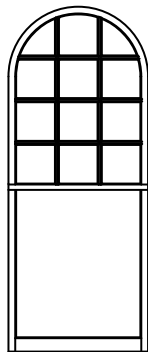


7L



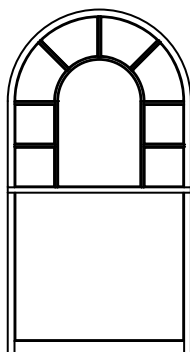
12L

## Colonial\*

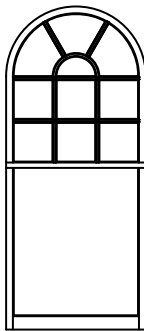


12L

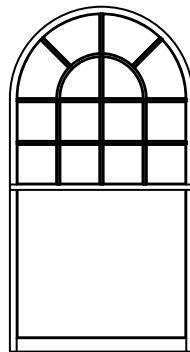
## Palladian



9L

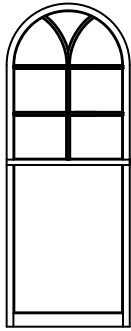


10L

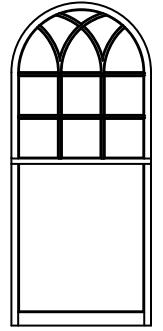


14L

## Gothic



7L



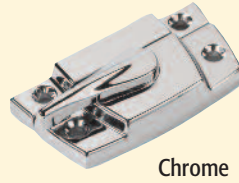
12L

\*Internal Bronze spacer bar available only in Colonial pattern.



## DOUBLE HUNG HARDWARE STYLES & COLORS

### Traditional



### Restoration



### Vintage





# CASEMENT HARDWARE FINISHES

## Standard Colors



White



Earthtone



Beige

## Architectural Finishes



Chrome



Brass



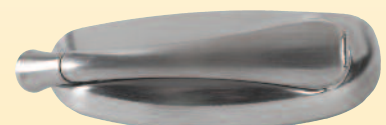
Antique Brass



Oil Rubbed Bronze




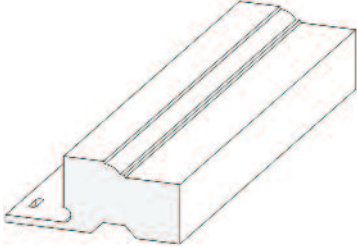
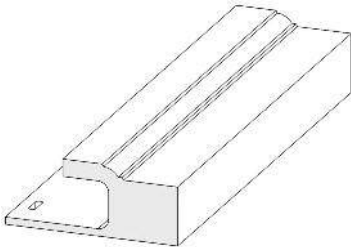
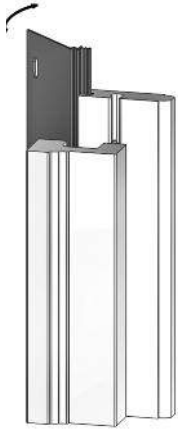
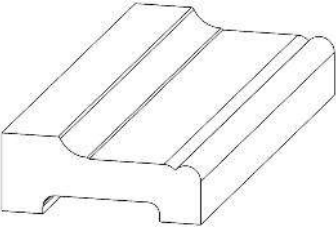
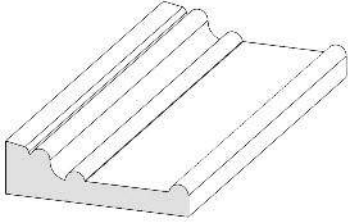
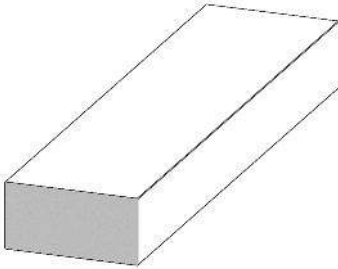
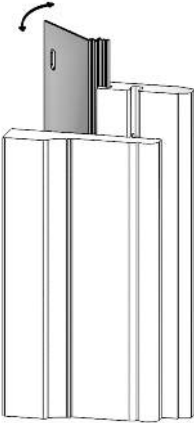
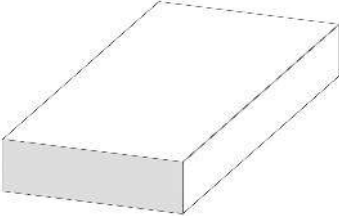
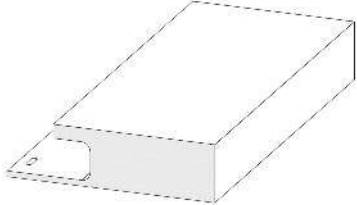
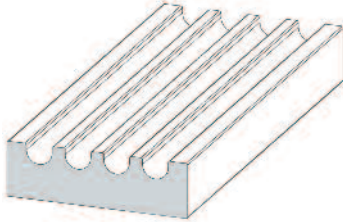

Brushed Nickel



Brushed Chrome

*The operator handle and cover system is available in a choice of three standard colors shown above or six new architectural finishes. System features as standard a folding handle, which seems to virtually disappear as it nests comfortably in the elegant zinc cast removable operator cover.*

## Freedom Frame Brickmould Options

 <p><b>908</b> w/ Folding Nail Fin 1 1/4" x 2"</p>	 <p><b>908 NF</b> w/ Integral Nail Fin 1 1/4" x 2"</p>	 <p><b>908 JNF</b> w/ Integral J-Channel and Nail Fin 1 1/4" x 2"</p>	<p><b>cPVC Snap-On</b></p>  <p><b>908-S</b> 1" x 2 1/16"</p>
 <p><b>Colonial</b> 1 1/4" x 3 1/4"</p>	 <p><b>Williamsburg</b> 1" x 3 1/2"</p>	 <p><b>5/4 x 2 Flat</b> 1" x 2"</p>	 <p><b>Colonial-S</b> 3/4" x 3 1/4"</p>
 <p><b>5/4 x 3 1/2 Flat</b> 1" x 3 1/2"</p>	 <p><b>5/4 x 3 1/2 JNF</b> w/ Integral J-Channel &amp; Nail Fin 1 1/8" x 3 1/2"</p>	 <p><b>5/4 x 3 1/2 Fluted</b> 1" x 3 1/2"</p>	 <p><b>Lexington-S</b> 1 1/16" x 3 1/2"</p>

## Wood Brickmould Options



**WP 908**  
1 1/4" x 2"



**Lexington**  
1 1/4 x 3 1/2"



**5/4 x 2 Flat**  
1 1/4" x 2"



**Bullnose**  
1 7/16" x 1 1/2"



**Fairmount**  
1 1/4" x 2"



**Hartford**  
1 5/8" x 1 1/4"



**Beaded**  
1 1/4" x 2"



**Jefferson**  
1 5/8" x 1 3/8"

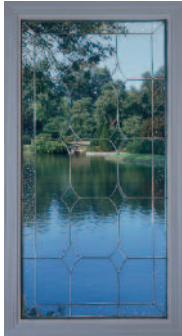


**Richmond**  
1 1/2" x 1 5/8"

## DECORATIVE GLASS OPTIONS

*All decorative art glass panels are triple insulated for added warmth and energy savings; sealed between two sheets of clear annealed glass the leaded / beveled panel insert is permanently protected from damage and dirt.*

Aberdeen



Madison



Dover



Chicopee



Lexington



Raleigh



Newport



Monticello



Aspen



Pueblo



Concord



Princeton



Carmel



Greenwich



Juneau



Williamsburg



Hartford



Scarsdale



Monterey



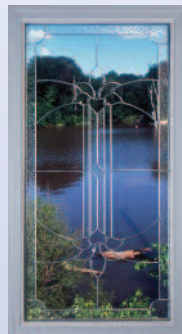
St. Helens



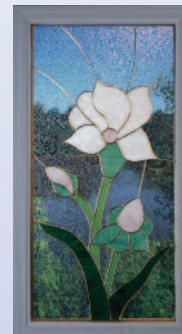
Mt. Vernon



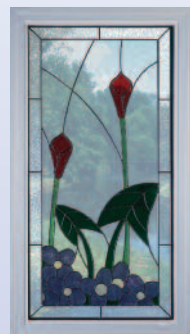
Hyannis



Joliet



St. Augustine

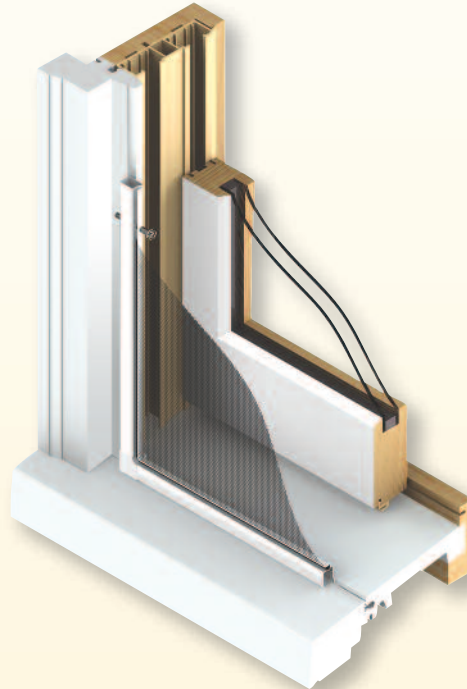


*\*Tempered bronze, grey and green tinted glass is available on all product lines as well as laminated glass for security, safety and sound control, to keep more of the noise outside.*

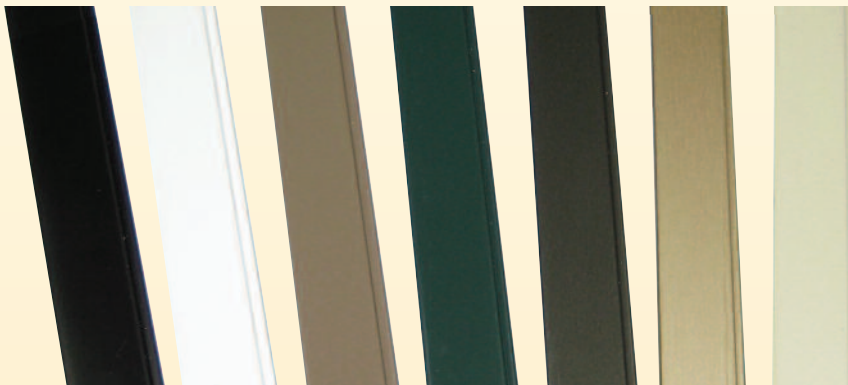
# SCREEN OPTIONS

Standard Full Screen for maximum top/bottom ventilation. Optional half screen also available. Both screen systems standard with 18 x 16 charcoal fiberglass screen cloth or optional wire screen mesh.

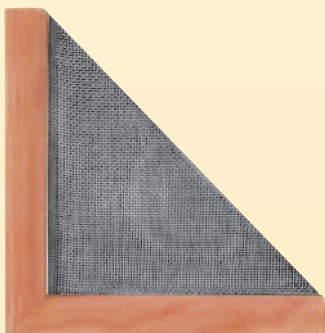
*Optional Interior Sliding Half Screen available where Historical Requirements restrict use of exterior screen (Furnished with a Routed Finger Lift Option only).*



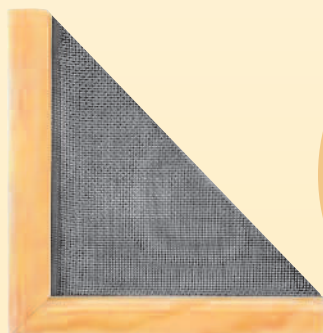
*Liberty DH screens are installed using springloaded plunger pins that insert directly into factory applied or existing brickmould.*



*Standard screen frame colors are available in your choice of Black, White, Earthtone, Hunter Green, Bronze, Gold, and Beige*



**Mahogany**



**Pine**

**Caseмент Screens**  
Now Available in Pine or Mahogany finish. Ready for paint or stain.

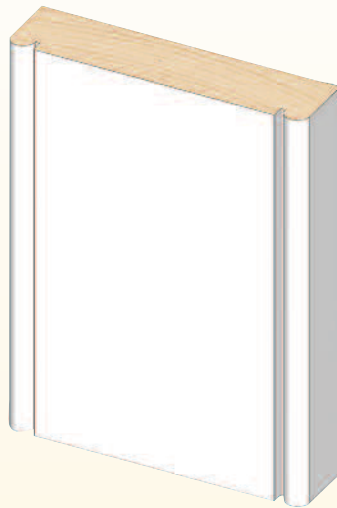


## EXTERIOR MULLION COVERS

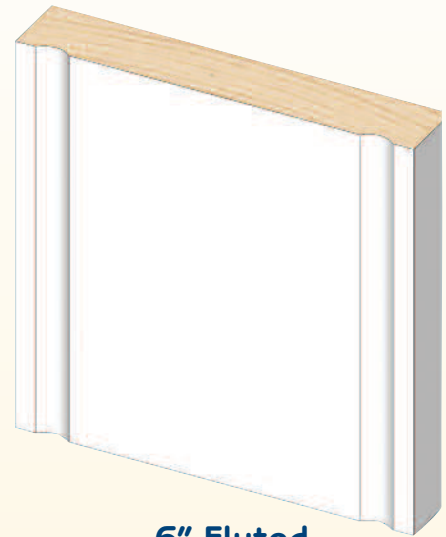


**2 1/4" Flat**

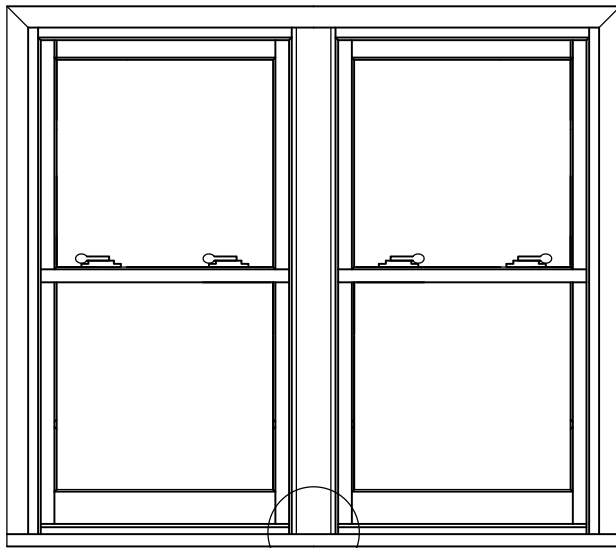
(Standard zero clearance)



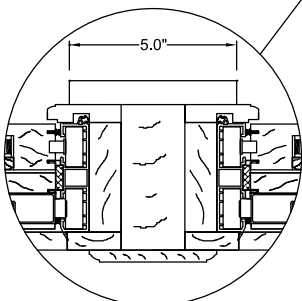
**4 1/2" Beaded**



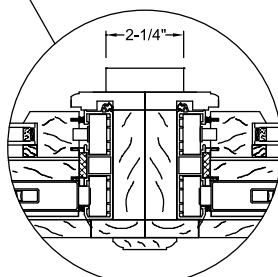
**6" Fluted**



To achieve the simulated look of authentic weight boxes at the center mullion, multiple units can be combined with an exterior spread mullion cover.



4" - 9" MULL AVAILABLE  
(5" SHOWN)



STANDARD ZERO  
CLEARANCE MULLION

### Jambliner

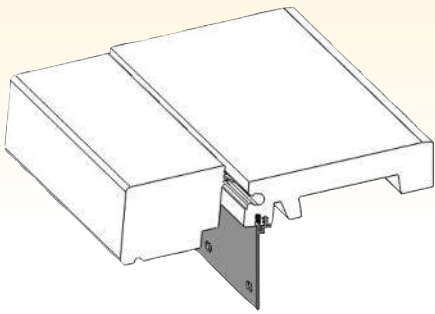
*Vinyl jambliners are available in beige or white.*



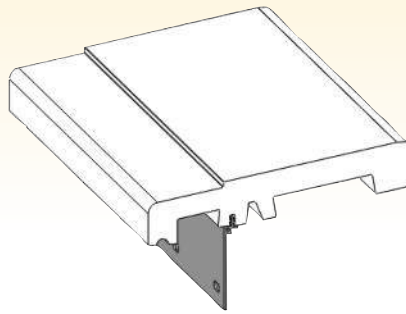
*Multiple lite units up to 144" will have a continuous sill.*

# HISTORIC OPTIONS

## Sill Nosings

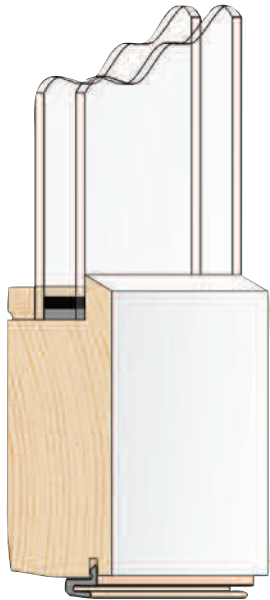


Optional 1 3/4" Historic Sill Nose

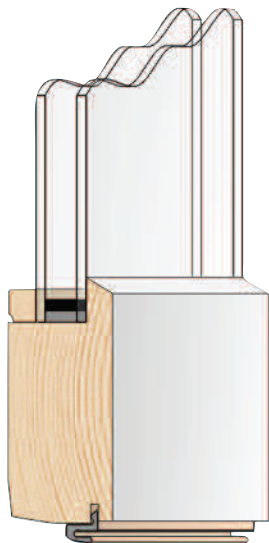


Traditional 1 1/8" Sill Nose

## Bottom Rails



Optional 4" Historic



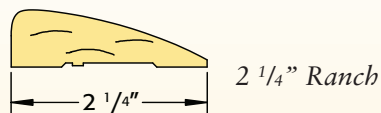
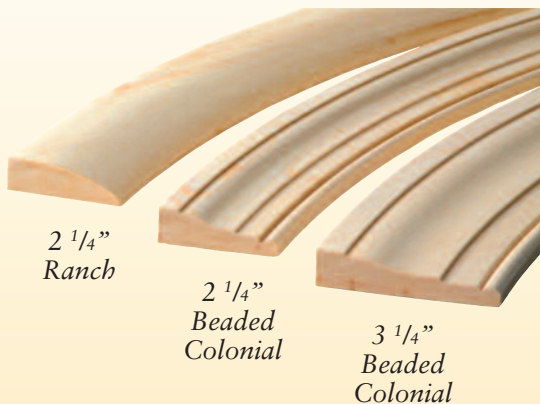
Standard 3 1/4"



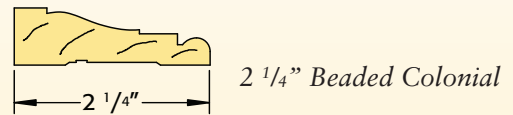
*All Wood Liberty Series products are available in natural wood unfinished or primed in pine or mahogany in lieu of cPVC Freedom Frame.*

# OTHER OPTIONS

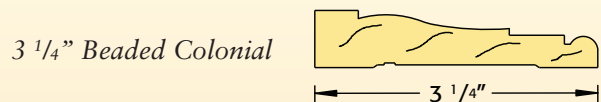
## Curved Casings



2 1/4" Ranch



2 1/4" Beaded Colonial



3 1/4" Beaded Colonial

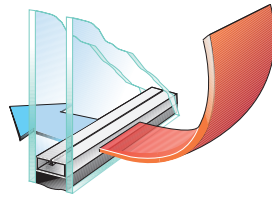
*One piece interior arch casings are available in 2 1/4" wide Ranch style or Beaded Colonial in both 2 1/4" and 3 1/4" widths.*

## WARM EDGE SUPER SPACER

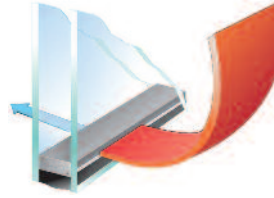
### Super Spacer®

- 100% Structural Foam
- Contains No Metal
- Extreme dual-seal Durability
- TrueWARM® Technology
- Advanced multi-layer vapor barrier structure
- 3/4" Insulating Glass

Heat flows from where it's hot to where it's not



Conventional Spacer



NO-Metal Foam Spacer

**FACT:**  
**Lowest Stress System**

### Metal Spacers

Metal spacer is rigid.  
Seal stress results in seal failure

### NO-Metal Super Spacer®

Flexible spacer resists stress.  
No seal failure

**Warm Edge** refers to the type of spacer material used to separate the panes of glass in an insulating unit. Many of today's energy efficient windows offer glass packages touting "Warm Edge Technology." The problem is these new windows often use thermally conductive metal-based spacers in their insulating glass systems. The world's only True Warm® edge occurs with Super Spacer®, an insulating foam spacer whose use allows for comfortable humidity levels and the least likelihood of condensation and mold growth, the occurrence of which has more and more been linked to a myriad of health problems.

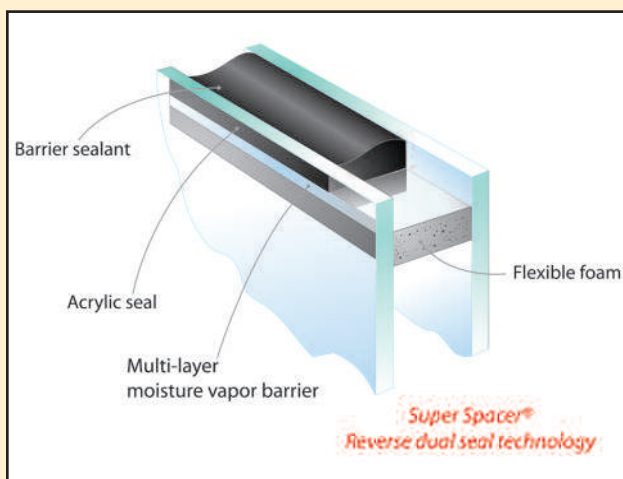
Keep moisture off the glass with the warmest inside surface temperature possible.



**Trimline's Comfort Plus Low E Glass** regulates your home's temperature to help keep you cool when it's hot and warm when it's not.

### Homeowner Benefits

- Increased comfort – any climate, any season
- Reduced heating and cooling bills
- Protection from damaging UV rays that can fade carpets, walls and furniture
- Color – neutral for crisp, clear views
- Helps keep indoor humidity at comfortable and healthy levels by keeping glass warmer, which in turn minimizes health issues from mold and mildew
- Virtually eliminates condensation
- Helps homes stay cooler in the summer & warmer in the winter
- When combined with double strength glass Super Spacer® substantially reduces outside noise.



Size Limitations					
	Min. Width	Min. Height	Max Width	Max Height	Max U.I.
<b>Double Hung</b>	14"	24"	48"	84"	132"
<b>Single Hung</b>	14"	24"	54"	96"	132"
<b>Picture</b>	14"	14"	84"	96"	156"



# AAMA & NFRC

NFRC Thermal Performance						AAMA/NWDA 101/I.S. 2-97 Structural Performance			
U-Factor		SHGC		V.T.		CRF	Air Infiltration cfm/ft <sup>2</sup>	Design Pressure	Performance Class-Grade
Grids		Grids		Grids					
None or <1"	with TDL	None	with TDL	None	with TDL				

## LIBERTY SERIES

### DOUBLE HUNG

L200 L200A L200H	Clear	.45	.47	.55	.43	.57	.44	43	.03	DP-40	R-40
	Low E Argon	.29	.34	.27	.22	.49	.38	57			
L300 LRS400 LRS500 LRF400 LRF500	Clear	.45	.47	.53	.42	.56	.43	43	.08	DP-35	LC-35
	Low E Argon	.29	.34	.27	.24	.48	.37	57			

### PICTURE WINDOW

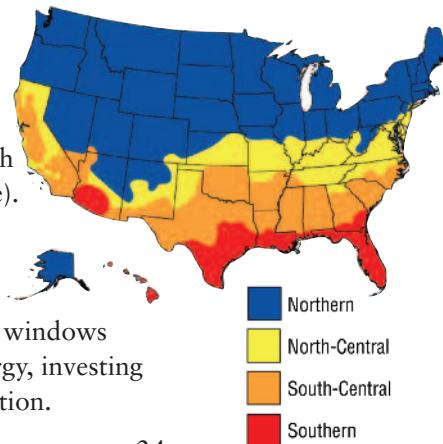
L200PW	Clear	.44	.46	.59	.47	.62	.48	45	< .01	DP-40	CW-40
	Low E Argon	.27	.32	.30	.24	.53	.42	61			
L300PW	Clear	.44	.46	.57	.45	.60	.47	45	< .01	DP-40	CW-40
	Low E Argon	.27	.32	.29	.23	.52	.40	61			

### ULTRA-FIT

Heritage Federal Presidential Congressional	Clear	.47	.48	.53	.42	.56	.43	43	ASTM E330 - NO GLASS BREAKAGE ASTM E547 - NO WATER LEAKAGE		
	Low E Argon	.30	.35	.27	.21	.48	.37	57			

## Knowing the Facts About Energy Star – U-Factor (U-Value)

Energy Star windows reduce household energy bills by 7-15 percent. The rate of heat loss through a window is determined by the U-Factor (U-Value). The lower the U-Value number, the better the insulating properties. In the same spectrum, the better the insulating properties, the more money will be saved on heating and cooling costs. When windows account for almost one-quarter of household energy, investing in Trimline's Liberty product line is a perfect solution.



Climate Zone	Windows		
	U-Factor <sup>1</sup>	SHGC <sup>2</sup>	
Northern	≤0.30	Any	Prescriptive
	≥0.31	≥0.35	Equivalent Energy Performance
	≥0.32	≥0.40	
North-Central	≤0.32	≤0.40	
South-Central	≤0.35	≤0.30	
Southern	≤0.60	≤0.27	

<sup>1</sup> BTU/h.ft<sup>2</sup>.°F

<sup>2</sup> Fraction of incident solar radiation

## Contact Us

Located in suburban Philadelphia, Trimline Windows has been manufacturing quality custom clad wood and all wood windows for use in replacement, remodeling and historically certified rehabilitation projects for nearly 50 years. Trimline offers one of the broadest product lines in the replacement window and remodeling industry.

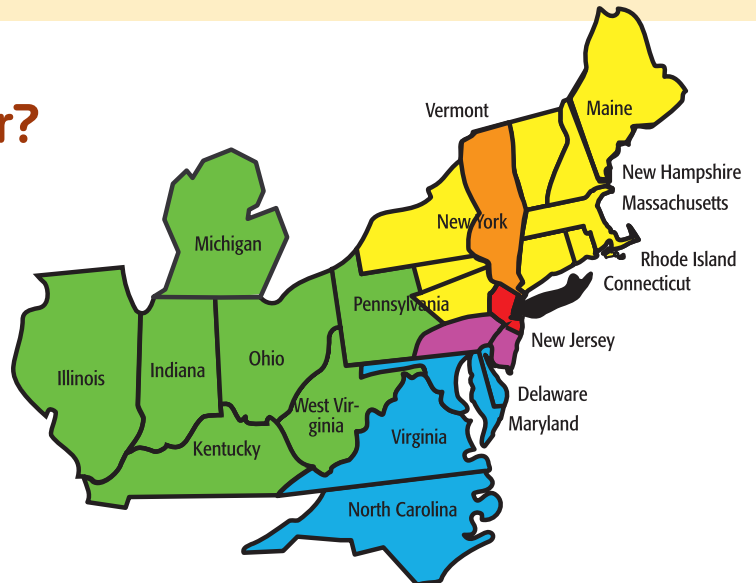


## Need Help Finding a Dealer?

We're here to help you!

**800.213.6100**

**trimlinewindows.com**



# TRIMLINE WINDOWS, INC.

## NONPRORATED, LIMITED 10/20 YEAR WOOD WINDOW WARRANTY

Trimline Windows, Inc. warrants its Legends Clad Wood, and Liberty All Wood/cPVC windows and Ultra-Fit Sash Replacement kits to be free from material defects for the period(s) as set forth below:

### WHO IS COVERED

This limited warranty extends to the original purchaser of the window for the period(s) as described below from the purchase date of the window.

### WHAT IS COVERED

The vinyl and aluminum extrusions and wood components used in the window are warranted to be free from defects under normal use and service and are warranted not to pit, rot, rust, flake, corrode, peel or blister for ten (10) years from date of purchase.

The insulating glass is warranted against defects resulting in material obstruction of vision from film formation, dust collection or moisture collection within the sealed glass for twenty (20) years from date of purchase, non square and decorative/leaded insulated glass is warranted for five years.

The hardware and other components or accessories are warranted against defects under normal use, care and cleaning for ten (10) years from date of purchase.

Repairs of any defects that arise or become manifest after the expiration of the warranty period are not the responsibility of Trimline Windows, Inc.

### WARRANTY CLAIM PROCEDURE

Any claims of defects under this warranty are to be made in writing to Trimline Windows, Inc., Ginkgo Industrial Park, 50 Louise Drive, Ivyland, PA 18974, Attn: Warranty Claim Dept. Claims should be made within ten days of the discovery of the suspected defect. Included with the claim must be a copy of this warranty showing installing contractor's name and date of installation and proof of original purchase date.

If the windows are found to be in nonconformance with the terms of this warranty, Trimline Windows, Inc. agrees, at its option, to repair or replace the defective part(s). Field service costs to repair or replace defective part(s) will not be charged by Trimline Windows, Inc. for a period of one year following the date of original purchase. After the first year Trimline Windows, Inc. will not be responsible for any field service labor or transportation costs incurred in the repair, removal, replacement, installation of the window or any window component. Service calls will be charged at the then prevailing rate for labor and mileage.

### REPLACEMENT PARTS

Trimline Windows, Inc. reserves the right to discontinue or change any of its products or the parts utilized in any of its products at its sole discretion. If any window product or component originally installed in the building is not available at the time of any claim by you under this warranty, Trimline Windows, Inc. reserves the right to substitute any other model or component as a replacement.

### EXCLUSIONS

Trimline Windows, Inc. does not warrant installation or claims caused by installation. This warranty covers manufacturing defects only and does not include damage or defects due to normal weathering, fading, accidents or intentional damage, hail, lightning, flood, fire, acts of God, building settlement or structural failure, chemical pollutants, mildew, improper maintenance, vandalism or any other cause beyond the control of Trimline Windows, Inc. This warranty does not cover windows where the cladding has been painted, varnished or coated with any substance by the consumer.

Broken glass and screens are not covered.

This warranty covers glass imperfections as described in Federal Government Glass Specifications DD-04516.

Condensation of moisture on the exterior surfaces of the sealed glass in the window may occur as a natural result of excessive humidity within the building area. Changes in interior and exterior temperatures may also cause condensation. It does not indicate a window defect and is not covered by this warranty.

THE MANUFACTURER WILL HAVE NO LIABILITY BEYOND REPAIR OR REPLACEMENT AND EXPRESSLY WILL HAVE NO LIABILITY FOR ANY LOSS OF TIME, INCONVENIENCE, LOSS OF USE, PERSONAL INJURY, PROPERTY DAMAGE, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGE. THIS WARRANTY IS THE ONLY ONE WHICH THE MANUFACTURER MAKES AND IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THE PROVISIONS OF THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE PURCHASER. EXCEPT THROUGH WRITTEN AGREEMENT FROM THE MANUFACTURER, NO REPRESENTATIVE HAS ANY POWER OR AUTHORITY TO MAKE ANY ALTERATIONS TO THIS WARRANTY OR ANY PROMISE OR REPRESENTATIONS OTHER THAN THOSE CONTAINED IN THIS WARRANTY. THIS WARRANTY CONTAINS THE ENTIRE AGREEMENT BETWEEN THE PARTIES.

Some states do not allow limitation on how long a warranty lasts or the exclusion of incidental or consequential damage, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state. This warranty shall be governed by the laws of the Commonwealth of Pennsylvania.

DEALER \_\_\_\_\_

DATE OF INSTALLATION \_\_\_\_\_

ADDRESS OF INSTALLATION \_\_\_\_\_

PURCHASER \_\_\_\_\_

REGISTRATION # \_\_\_\_\_

Distributed Locally By:



**TrimLine**<sup>®</sup>  
WINDOWS INCORPORATED

[trimlinewindows.com](http://trimlinewindows.com)

Trimline Windows, Inc.  
reserves the right to make  
changes in construction or  
design without notifying  
holders of detail catalogs.

July 2013



**TrimLine**<sup>®</sup>  
WINDOWS INCORPORATED

PRODUCT SERIES: LEGENDS CLAD

PRODUCT: DR-200 (POCKET INSERT INSTALLATION DOUBLE HUNG WINDOW)

**PRODUCT SPECIFICATIONS**

<p><b>FRAME</b></p>	<ul style="list-style-type: none"> <li>• All exterior parts are of .050 maintenance-free extruded aluminum and mitered corners are tightly joined with concealed single corner key.</li> <li>• Jamb and head wood parts are fitted to the extruded aluminum and are of kiln dried Western pine treated with a water repellent preservative and jamb/head joints are glued, tenoned and nailed.</li> <li>• Frame thickness: 1 1/16" at jamb and head.</li> <li>• Standard Jamb Depth: 3 1/4" stepped jamb for sash pocket installation.</li> <li>• A thermally broken tri-plex sill system of wood, extruded aluminum and vinyl is mechanically fastened, gasket and siliconed sealed to the jamb.</li> <li>• Available with optional foam wrap for air tight installation.</li> </ul>
<p><b>SASH</b></p>	<ul style="list-style-type: none"> <li>• All exterior surfaces are covered with .019 thick roll formed aluminum cladding.</li> <li>• Silicone glazed from the interior for a positive water tight seal; sash joints are glued, tenoned and nailed from the interior.</li> <li>• Standard sash are of the finest quality kiln dried solid select 6/4 Western Pine treated with a water repellent preservative. Optional species available are White Oak, Cherry, and Mahogany.</li> <li>• Operating sash with locking pivot shoe tilt-in and can be removed for safe easy cleaning.</li> <li>• Overall finish sash thickness: 1 9/16"; sash profile dimensions are: stiles (1 7/8"), top rail (2 5/8"), bottom rail (3 1/4") and meeting rails (1 1/4").</li> <li>• Unequal sash heights can be specified.</li> </ul>
<p><b>EXTERIOR FINISH</b></p>	<ul style="list-style-type: none"> <li>• For standard colors, the extruded aluminum frame is a one-coat spray applied system PPG Polycron III finish meeting the physical test requirements of AAMA 2603. The roll formed sash cladding is a reverse roll-coat system using 70% Kynar resin, meeting the physical test requirements of AAMA 2605.</li> <li>• Standard color options are: white, bronze, earthtone, beige, black and hunter green. Custom colors available.</li> <li>• All custom colors meet the physical test requirements of AAMA 2605.</li> </ul>
<p><b>INTERIOR FINISH</b></p>	<ul style="list-style-type: none"> <li>• Standard in unfinished natural wood in specified species ready for paint or stain.</li> <li>• Available (pine only) white primed or prefinished white. Contact TrimLine dealer for custom color details.</li> </ul>
<p><b>HARDWARE</b></p>	<ul style="list-style-type: none"> <li>• Sash lock and keeper are surface mounted cam action style.</li> <li>• Dual lock/lifts standard on units over 28" wide. Sash lifts standard at bottom rail.</li> <li>• Recessed E-Z tilt sash release latches for top and bottom sash tilting.</li> <li>• 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.</li> </ul>
<p><b>BALANCE SYSTEM</b></p>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Vinyl jambliner available in almond or white.</li> </ul>
<p><b>WEATHERSTRIPPING</b></p>	<ul style="list-style-type: none"> <li>• 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 and Fin-Seal® at the sill dam and Fin-Seal® dust plugs at meeting rails for low air-infiltration.</li> </ul>
<p><b>GLASS</b></p>	<ul style="list-style-type: none"> <li>• Standard clear 11/16" thick insulating glass, consisting of "double strength" 3mm annealed glass, 7/16" airspace using warm edge dual seal silicone foam Super Spacer, hermetically sealed with hot melt butyl.</li> <li>• All insulating glass units meets IGMA requirements as per ASTM E2190.</li> <li>• Other glazing options include Comfort Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint.</li> </ul>
<p><b>INSECT SCREENS</b></p>	<ul style="list-style-type: none"> <li>• Standard full screen of .019 thick roll formed aluminum; spring loaded plunger hardware system used to mount screen to exterior of window; crossbrace used on windows over 40" in height.</li> <li>• Optional sliding half screen of .050 thick extruded aluminum.</li> <li>• Standard colors available: white, bronze, earthtone, beige, black and hunter green. Custom colors also available.</li> <li>• Charcoal fiberglass screen cloth (18 x 16 mesh) standard; optional screen mesh available in charcoal or aluminum color wire cloth or Better View™ high transparency screening in charcoal cloth only.</li> </ul>



PRODUCT SERIES: LEGENDS CLAD

PRODUCT: DR-200 (POCKET INSERT INSTALLATION DOUBLE HUNG WINDOW)

**PRODUCT SPECIFICATIONS**

<p><b>GRILLES</b></p>	<ul style="list-style-type: none"> <li>• <b>Simulated Divided lites (SDL)</b> of .050 thick extruded aluminum in a classic putty glazed 5/8", 7/8", 1", 1 1/4" or 1 1/2" 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), oak, cherry 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.</li> <li>• <b>Removable wood grilles:</b> available in 5/8" or 7/8" wide classic double stepped profile matching window interior wood species in pine (standard), oak, cherry or mahogany in a wide array of standard or custom divided lite patterns only.</li> <li>• <b>In-glass aluminum "GBC"</b> (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.</li> <li>• <b>Combo wood-aluminum:</b> 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), oak, cherry or mahogany.</li> </ul>																																										
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**TrimLine**<sup>®</sup>  
WINDOWS INCORPORATED

PRODUCT SERIES: LEGENDS CLAD

PRODUCT: DR-200 (POCKET INSERT INSTALLATION DOUBLE HUNG WINDOW)

**PRODUCT SPECIFICATIONS**

<b>FRAME</b>	<ul style="list-style-type: none"> <li>• All exterior parts are of .050 maintenance-free extruded aluminum and mitered corners are tightly joined with concealed single corner key.</li> <li>• Jamb and head wood parts are fitted to the extruded aluminum and are of kiln dried Western pine treated with a water repellent preservative and jamb/head joints are glued, tenoned and nailed.</li> <li>• Frame thickness: 1 1/16" at jamb and head.</li> <li>• Standard Jamb Depth: 3 1/4" stepped jamb for sash pocket installation.</li> <li>• A thermally broken tri-plex sill system of wood, extruded aluminum and vinyl is mechanically fastened, gasket and siliconed sealed to the jamb.</li> <li>• Available with optional foam wrap for air tight installation.</li> </ul>
<b>SASH</b>	<ul style="list-style-type: none"> <li>• All exterior surfaces are covered with .019 thick roll formed aluminum cladding.</li> <li>• Silicone glazed from the interior for a positive water tight seal; sash joints are glued, tenoned and nailed from the interior.</li> <li>• Standard sash are of the finest quality kiln dried solid select 6/4 Western Pine treated with a water repellent preservative. Optional species available are White Oak, Cherry, and Mahogany.</li> <li>• Operating sash with locking pivot shoe tilt-in and can be removed for safe easy cleaning.</li> <li>• Overall finish sash thickness: 1 9/16"; sash profile dimensions are: stiles (1 7/8"), top rail (2 5/8"), bottom rail (3 1/4") and meeting rails (1 1/4").</li> <li>• Unequal sash heights can be specified.</li> </ul>
<b>EXTERIOR FINISH</b>	<ul style="list-style-type: none"> <li>• For standard colors, the extruded aluminum frame is a one-coat spray applied system PPG Polycron III finish meeting the physical test requirements of AAMA 2603. The roll formed sash cladding is a reverse roll-coat system using 70% Kynar resin, meeting the physical test requirements of AAMA 2605.</li> <li>• Standard color options are: white, bronze, earthtone, beige, black and hunter green. Custom colors available.</li> <li>• All custom colors meet the physical test requirements of AAMA 2605.</li> </ul>
<b>INTERIOR FINISH</b>	<ul style="list-style-type: none"> <li>• Standard in unfinished natural wood in specified species ready for paint or stain.</li> <li>• Available (pine only) white primed or prefinished white. Contact TrimLine dealer for custom color details.</li> </ul>
<b>HARDWARE</b>	<ul style="list-style-type: none"> <li>• Sash lock and keeper are surface mounted cam action style.</li> <li>• Dual lock/lifts standard on units over 28" wide. Sash lifts standard at bottom rail.</li> <li>• Recessed E-Z tilt sash release latches for top and bottom sash tilting.</li> <li>• 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.</li> </ul>
<b>BALANCE SYSTEM</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Vinyl jambliner available in almond or white.</li> </ul>
<b>WEATHERSTRIPPING</b>	<ul style="list-style-type: none"> <li>• 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 and Fin-Seal® at the sill dam and Fin-Seal® dust plugs at meeting rails for low air-infiltration.</li> </ul>
<b>GLASS</b>	<ul style="list-style-type: none"> <li>• Standard clear 11/16" thick insulating glass, consisting of "double strength" 3mm annealed glass, 7/16" airspace using warm edge dual seal silicone foam Super Spacer, hermetically sealed with hot melt butyl.</li> <li>• All insulating glass units meets IGMA requirements as per ASTM E2190.</li> <li>• Other glazing options include Comfort Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint.</li> </ul>
<b>INSECT SCREENS</b>	<ul style="list-style-type: none"> <li>• Standard full screen of .019 thick roll formed aluminum; spring loaded plunger hardware system used to mount screen to exterior of window; crossbrace used on windows over 40" in height.</li> <li>• Optional sliding half screen of .050 thick extruded aluminum.</li> <li>• Standard colors available: white, bronze, earthtone, beige, black and hunter green. Custom colors also available.</li> <li>• Charcoal fiberglass screen cloth (18 x 16 mesh) standard; optional screen mesh available in charcoal or aluminum color wire cloth or Better View™ high transparency screening in charcoal cloth only.</li> </ul>



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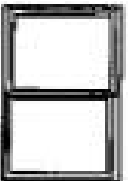
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1	2001	1 L200 Repl. 4 9/16" Jamb No BM	Pine	Frame OSM	40	74
		C Guard Low E Argon Top				
		C Guard Low E Argon Bot				
		No Screen		NO COLOR		
		****All Liberty Series Window Frames		Pine		
		Will be made of cPVC ... Sill, Blindstop,		Pine		
		Screenstop, Brickmould & SDL Bars		Pine		
		Unless Otherwise Specified****		Pine		
		Restoration 2 Lock / 2 Lift		Beige		
		Tilt Latch Color= BGE (Beige)				
		Wood Interior		Pine		
		All Wood / No Azek		Pine		
		Jambliner		Beige		
	-----		Pine			
	Interior Unfinished		Pine			
	Exterior Primed (Standard)		White			
	-----*** NOTE ***-----		Pine			
	114 United Inches (UI)					
					<i>Total Line Item</i> 4	

2	2111	1 L300 Full 4 9/16" Jamb - Choice of BM	Pine	Frame OSM	40	74
		C Guard Low E Argon Top				
		C Guard Low E Argon Bot				
		No Screen		NO COLOR		
		Restoration 2 Lock / 2 Lift		Beige		
		Tilt Latch Color= BGE (Beige)				
		Wood Interior		Pine		
		All Wood / No cPVC		Pine		
		Jambliner		Beige		
		No Brickmould		NO COLC		
		Interior Unfinished		Pine		
		Exterior Primed (Standard)		White		
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