



HORIZON SHUTTERS

Custom-Made Solid Wood Interior Shutters

The information in this booklet is presented as a guide to help you select shutter styles, measure window openings, and order Horizon shutters.

Horizon shutters are made to last a lifetime from 100% solid Northern Basswood. Features include glued and doweled joints, nylon pivots, rabbeted light breaks, and mortised hinges.

Units arrive fully assembled and ready to install in your window openings. Detailed installation instructions are included with every order.

Our web site contains a wealth of information and interactive features, including an easy-to-use pricing page. You may request a sample shutter to see first-hand the quality of Horizon shutters.

Our experienced staff will be glad to assist you with measuring, ordering, and installation.

Customer Assistance

www.horizonshutters.com

Phone: 1-888-399-4947

Fax: 1-888-626-0008

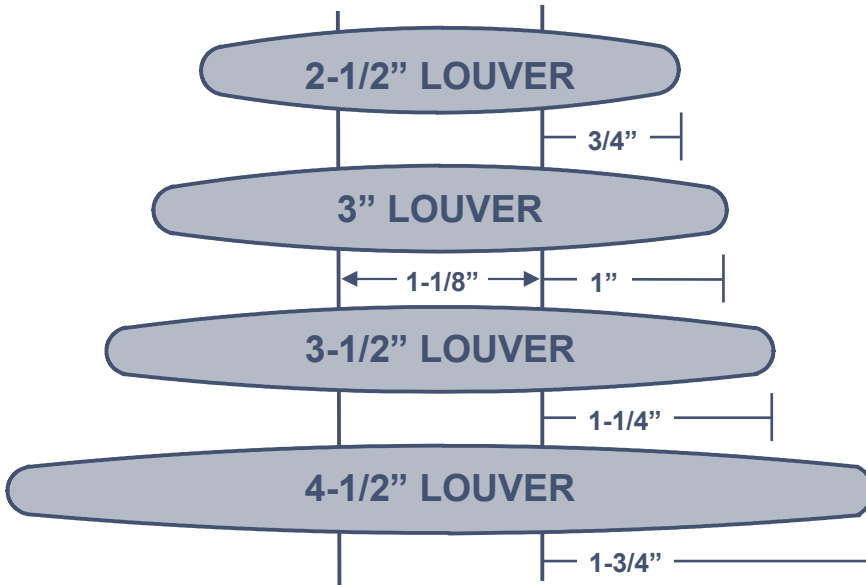
PLANTATION STYLE - CONSTRUCTION FEATURES

Shutter Thickness:	1-1/8"
Panel Width:	8" minimum to 36" maximum
Panel Configurations:	See Page 2
Material:	Solid Northern Basswood
Joints:	Glued and doweled on 1" centers
Top Rail:	1" thick - minimum 2-1/2" high
Bottom Rail:	1" thick - minimum 2-1/2" high
Divider Rail:	1" thick - 2" to 6" high
Stiles:	1-1/8" thick x 2-1/8" wide
Louvers:	7/16" thick x 2-1/2 to 4-1/2" wide
Tilt Bar:	5/8" thick x 3/8" wide
Tension System:	Tight Pin
Hinge Mortise:	Factory machined
Hardware Colors:	Bright Brass, Antique Brass, Silver

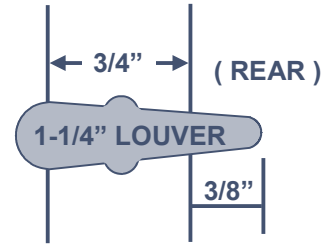
TRADITIONAL STYLE - CONSTRUCTION FEATURES

Shutter Thickness:	3/4"
Panel Width:	7" minimum to 16" maximum
Panel Configurations:	See Page 2
Material:	Solid Northern Basswood
Joints:	Glued and doweled on 1" centers
Top Rail:	11/16" thick - minimum 2" high
Bottom Rail:	11/16" thick - minimum 2" high
Divider Rail:	11/16" thick - 2" to 3" high
Stiles:	3/4" thick x 1-1/4" wide
Louvers:	5/16" thick x 1-1/4" wide
Tilt Bar:	3/8" thick x 5/16" wide
Tension System:	Tight Pin
Hinge Mortise:	Factory machined
Hardware Colors:	Bright Brass, Antique Brass, Silver

Plantation Louvers



Traditional Louver



Horizon Shutter Features

Horizon shutters are built using premium grade Northern Basswood. We never use pressed or veneered wood. All louvers, stiles, rails, and tilt bars are one solid piece with no finger-joints which would eventually show through finish. Louvers are tensioned to stay in the selected position and never need to be tightened. Shutter stiles are rabbeted between panels to provide light breaks and hinges are mortised.

Horizon shutters have a lifetime warranty against manufacturing defects. The warranty can be viewed in full at horizonshutters.com.

- 1. Stile
- 2. Top Rail
- 3. Divider Rail
- 4. Bottom Rail
- 5. Louver
- 6. Tilt Bar

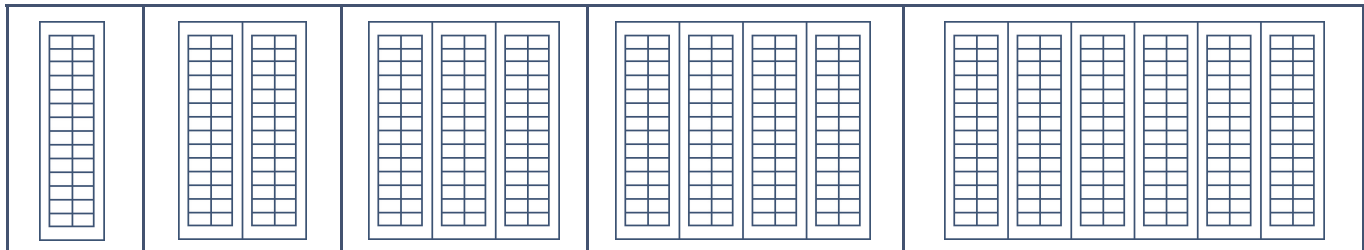


OVERALL UNIT WIDTH vs. NUMBER OF PANELS IN UNIT

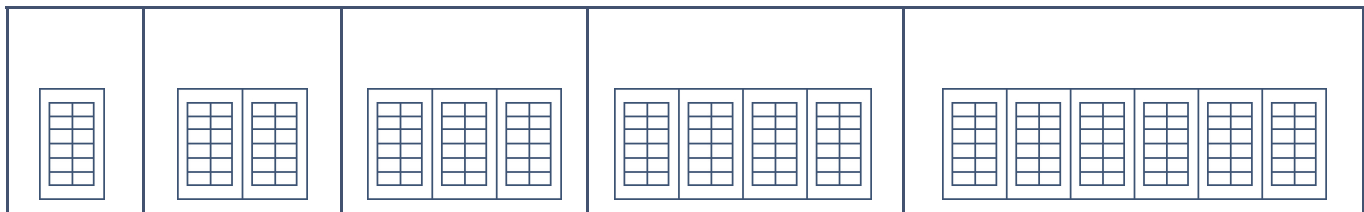
TRADITIONAL STYLE SHUTTERS				
7" to 16"	14" to 32"	21" to 48"	28" to 64"	42" to 96"

PLANTATION STYLE SHUTTERS				
8" to 36"	16" to 72"	24" to 108"	32" to 144"	48" to 216"

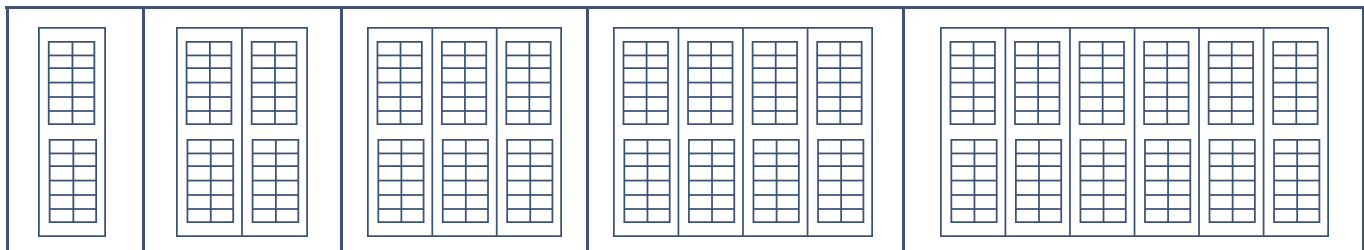
1 Panel 1 left or 1 right	2 Panels 1 left, 1 right 2 left or 2 right	3 Panels 2 left, 1 right or 1 left, 2 right	4 Panels 2 left, 2 right	6 Panels 3 left, 3 right
-------------------------------------	---	--	------------------------------------	------------------------------------



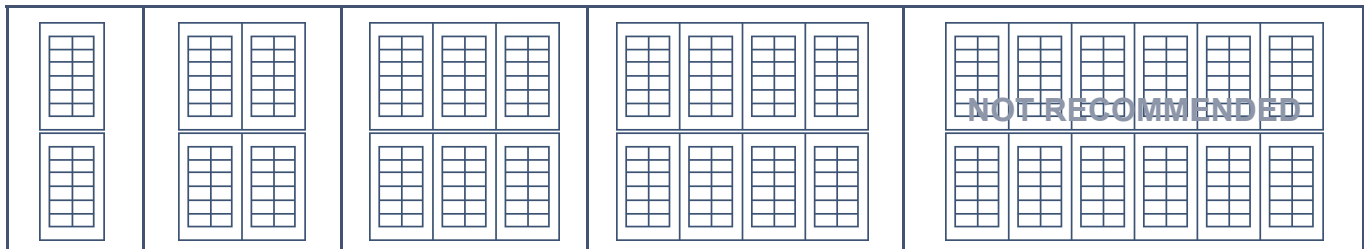
1 TIER - WITHOUT DIVIDER RAIL - SHUTTERS COVER THE FULL HEIGHT OF THE WINDOW
 Traditional panels over 40" high must have a Divider Rail (See 1 Tier - With Divider Rail below)
 Plantation panels over 78" high must have a Divider Rail (See 1 Tier - With Divider Rail below)



1 TIER - CAFÉ TYPE - SHUTTERS COVER THE BOTTOM PORTION OF THE WINDOW ONLY



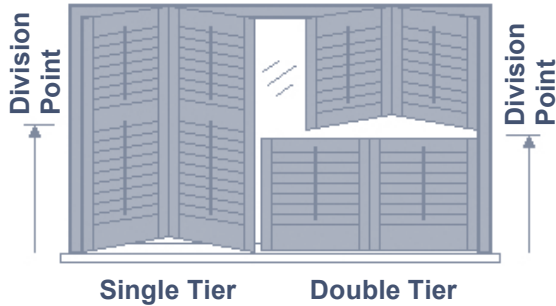
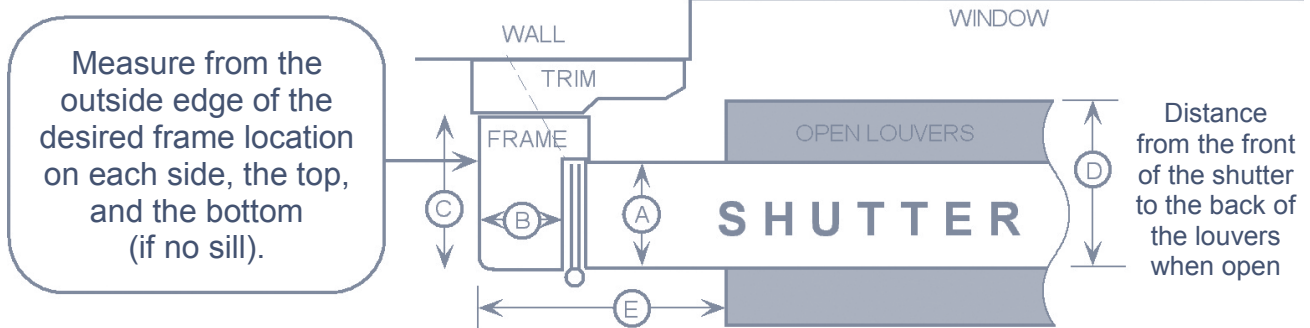
1 TIER - WITH DIVIDER RAIL - SHUTTERS COVER THE FULL HEIGHT OF THE WINDOW
 Divider Rail location must be specified - See Division Point on page 11.



2 TIERS (top tier and bottom tier fold open separately) - SHUTTERS COVER THE FULL HEIGHT OF THE WINDOW
 Division point location must be specified - See Division Point on page 11.

Outside Mount - Frame on Trim

A frame surrounds the shutters on the top and both sides (and bottom if there is no sill) and attaches to a flat area on the existing trim. The frame does not have to be located exactly as shown below, but may be located anywhere on the trim as long as it is attached to a 3/4" or wider flat surface. This installation method is typically used when an installation to the inside of the window opening is not possible or the opening is out of square. Shutter units are shipped as complete units, ready to install with all frames, hardware, and detailed installation instructions.



Style & Louver	A	B	C	D	E
Traditional 1-1/4	3/4"	3/4"	1-3/8"	1-3/16"	2-1/16"
Plantation 2-1/2	1-1/8"	3/4"	1-3/4"	1-7/8"	2-15/16"
Plantation 3	1-1/8"	3/4"	1-3/4"	2-1/8"	2-15/16"
Plantation 3-1/2	1-1/8"	3/4"	1-3/4"	2-3/8"	2-15/16"
Plantation 4-1/2	1-1/8"	3/4"	1-3/4"	2-7/8"	2-15/16"

How to Measure for Installation Method FOT

WINDOW OPENINGS WITH EXISTING TRIM

The window opening depth must be sufficient to allow the louvers to tilt to the full open position. See **D** in the diagram above.

The L-shaped Frame is 1" wide on the back and requires at least a 3/4" flat mounting surface. The frame must be mounted so the open louvers do not contact the trim. See **E** above.

Use a steel tape to measure the window opening.

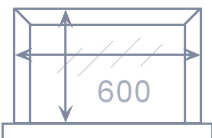
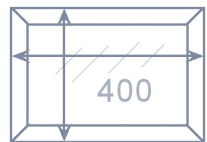
Width: Measure from the point on the trim where you want the outside edge of the frame to the same point on the opposite side of the window in three places to the nearest 1/16".

Height: Measure from the point on the trim where you want the top edge of the frame to the same point on the bottom of the window (or to the top of the window sill) in three places to the nearest 1/16".

We will make the overall shutter unit (including the frame) to the size given. Windows without a sill (opening type 400) will be made with a 4-sided frame. Windows with a sill (opening type 600) will be made with a 3-sided frame that sits on the sill.

Use the guide on page 3 to determine the total number of panels in the opening. Specify the Division Point location for a Divider Rail or between tiers for a 2 Tier Unit by following directions for "Division Point" on page 11.

If you want us to make NO allowances, please call for assistance with ordering.



Café type shutters cover only the lower part of the window. Use Mounting Method HOT (page 9).

*Paint and Stain***Paint Finishes**

You may select from any of our standard paint colors at no additional charge. Request a packet containing samples of these colors at www.horizonshutters.com or by calling 1-888-399-4947.

Our paint finish has a sheen within the eggshell, satin, semi-gloss range. We do not offer high-gloss finishes because they result in excessive glare.

Stain Finishes

You may select from any of our standard stain colors at no additional charge. Request a packet containing samples of these colors at www.horizonshutters.com or by calling 1-888-399-4947.

Custom Colors

If you want your shutters finished in a custom paint or stain color, please send us a 4 inch x 4 inch (minimum) sample on a smooth surface. Our factory will mix the paint or stain for your shutters and send a small sample louver to you for approval. Actual finishing of your shutters will not begin without your approval of the color. There is an additional charge for each custom color match.

Samples of Standard Colors

Your best guide to all standard colors is our paint and stain chips. Upon request, we can provide samples of standard colors on wood for an additional charge.

Additional Orders

We cannot guarantee that shutters of the same color ordered at different times will match identically.

Final finish colors on wood can differ somewhat from printed colors due to natural variations in wood, degree of gloss, lighting, exposure to heat or light, and natural aging.

If color matching is critical, we suggest you order a Custom Color Match. You will then receive a sample of the color we mix for your approval prior to finishing your shutters. There is an extra charge for this service.

To order, complete the enclosed order form (which can also be printed from our web site) and fax it to 888-626-0008, complete our online order form, or call us at 888-399-4947 to speak with a shutter professional.

We will review your order and e-mail an acknowledgment, followed by a mailed confirmation complete with installation instructions and an estimated production time.

Your shutters will be shipped to you ready to install, with all necessary hinges, screws, hang strips, frames, and catches.

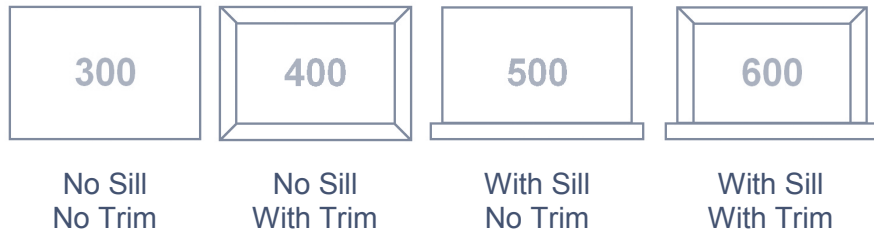
DEFINITIONS

- STYLE** - Traditional with 1-1/4" Louvers or Plantation with 2-1/2", 3", 3-1/2", or 4-1/2" Louvers.
- FINISH COLOR** - The Paint or Stain color that you select for your shutters, or unfinished paint or stain grade.
- HARDWARE FINISH** - Bright Brass, Antique Brass, or Silver color.
- QUANTITY (QTY)** - The number of shutter units with identical specifications and measurements.
- WIDE** - Width from measure point to measure point (to the nearest 1/16").
- HIGH** - Height from measure point to measure point (to the nearest 1/16").
- CAFÉ TYPE** - Shutters cover only the lower portion of the window. Enter "Yes" or "No."

INSTALL METHOD -

INJ	Inside Mount - Direct to Jamb	Page 4
INH	Inside Mount - On Rear Hang Strips	Page 5
FOW	Outside Mount - Frame on Wall	Page 6
FOT	Outside Mount - Frame on Trim	Page 7
HOW	Outside Mount - Hang Strip on Wall	Page 8
HOT	Outside Mount - Hang Strip on Trim	Page 9

OPENING (WINDOW) TYPE -



- PANELS ACROSS** - The number of individual shutter panels across the window (in the lower tier only). **See page 3.** For units with more than two panels across, you may request that the panels be of different widths in order to line up better over the window panes or sections. If you want this option, be sure to note it on your order and show the individual panel widths for each opening.
- FOLD LEFT** - The number of shutter panels that will be hinged together and fold open to the left.
- FOLD RIGHT** - The number of shutter panels that will be hinged together and fold open to the right.
- # OF TIERS** - Enter (1) if the individual shutters extend from the bottom of the opening to the top without a break or if you are ordering "Café Type" shutters. Enter (2) if there is one set of shutters on the top and another on the bottom, so that you can open one tier and leave the other tier closed. **See page 3.**
- DIVIDER RAIL** - For 1 Tier Units, enter "Yes" if you want a horizontal Divider Rail that will separate the louvers within each shutter into top and bottom sections, allowing each section of louvers to rotate independently of the other. Enter "No" if you do not want a divider rail or you are ordering a 2 Tier Unit. **See page 3.**
- DIVISION POINT** - For a 1 Tier Unit without a Divider Rail, enter "None." For a 1 Tier Unit with a Divider Rail, the distance from the bottom of the window to the center of the Divider Rail. For a 2 Tier Unit, the distance from the bottom of the window to the break between tiers. The final location of this point is determined by overall panel height, louver spacing, top rail size, and bottom rail size. Therefore, the exact division point may be slightly higher or lower than specified (moved within a range equal to the louver spacing).

The printed Measuring Guide includes instructions for only the FOT Mounting Method. Instructions for alternate installation methods may be printed from horizonshutters.com.

Since 1980, Horizon Shutters has sold only one product - solid wood shutters. Dedication to quality and attention to detail has been our hallmark. Modern equipment and manufacturing efficiency enable us to offer our customers outstanding shutters at affordable prices. We measure our success in terms of satisfied customers.



HORIZON SHUTTERS



HORIZON SHUTTERS

PO Box 6926 Leawood KS 66206

ORDER FORM

Phone: 888-399-4947 Fax: 888-626-0008

Name	
Address	
Address	
City, State, Zip	

Phone No.	
Alt. Phone No.	
Fax No.	
Email Address	

SHIP TO

Name	
Address	
Address	
City, State, Zip	

SHUTTER DETAIL

Style	
Louver Size	
Finish Color	
Hardware Finish	

1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"
.0625	.125	.1875	.25	.3125	.375	.4375	.5	.5625	.625	.6875	.75	.8125	.875	.9375

Qty	Wide	High	Café Type	Install Method	Opening Type	Panels Across	Fold Left	Fold Right	# of Tiers	Divider Rail	Division Point	Price per Unit	Total Price
A													
B													
C													
D													
E													
F													

Read and follow the separate Measuring Instructions and the Order Form Guide. Use the decimal equivalents above to enter sizes. For pricing, call or refer to our web site at www.horizonshutters.com. Attach extra sheets as needed with additional information.

Custom Color Match

Sub-Total

Sales Tax (MO only)

Shipping (\$30 min)

TOTAL

Have you ordered from Horizon Shutters before? Yes No

Previous Order Number (if known)

READ THE FOLLOWING BEFORE PLACING ORDER

All shutters are custom made to order using your measurements and specifications. We will make our standard allowances for hinges, fit, and clearance. Orders are not changeable or cancelable. Corrections to this order must be called to our attention within 7 days of the order date below. Shutters may not be returned for any reason other than warranty repair. All shutters are covered by the terms of the limited warranty found on our internet web site at www.horizonshutters.com.

WOOD AND PAINT VARIATIONS

As a natural product, wood will have some variations in grain and color. Paints and stains may not precisely duplicate printed colors. If exact color matching is required, please order an actual color sample to be sent for your approval before finishing (for an extra charge).

SHIPPING DATES

Due to the custom nature of our shutters, shipping dates are approximate and cannot be guaranteed.

Payment Information

Discover Visa Mastercard

American Express Check by Fax Check by Mail

Card No.

Security Code on Back of Card

Name on Card

Exp

Signature (fax & mail orders only)

Date