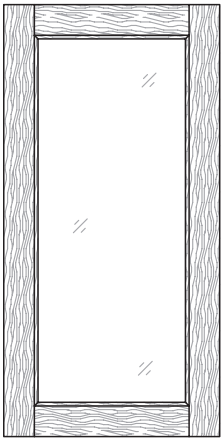
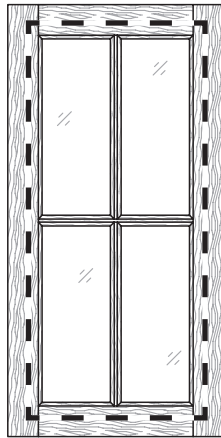


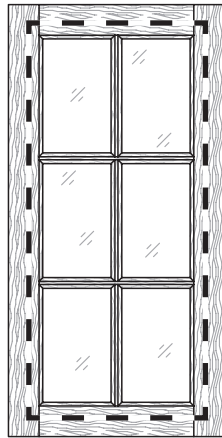
Frame and Mullion Lite Pattern Options



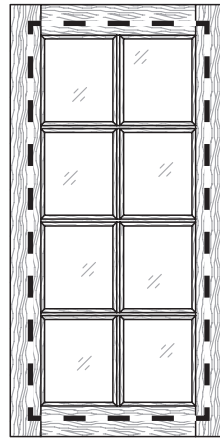
Style 10
Frame Door



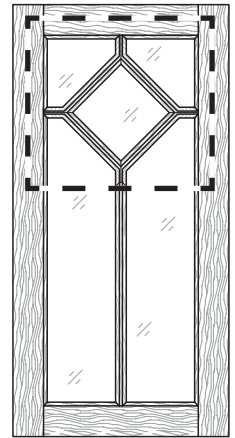
Style 10
LP001 - 4 Lites
2 wide x 2 high



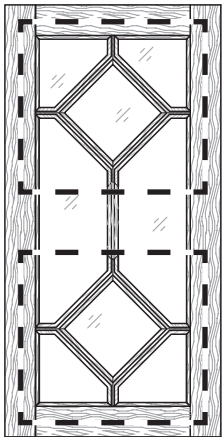
Style 10
LP001 - 6 Lites
2 wide x 3 high



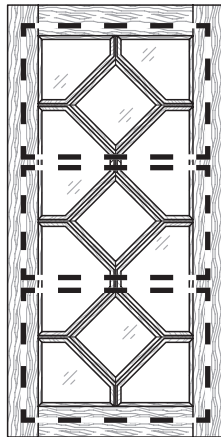
Style 10
LP001 - 8 Lites
2 wide x 4 high



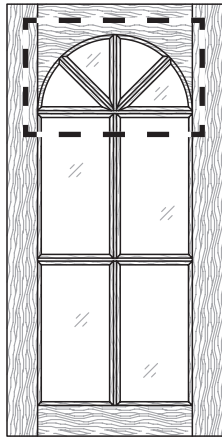
Style 10
LP100 - 5 Lites



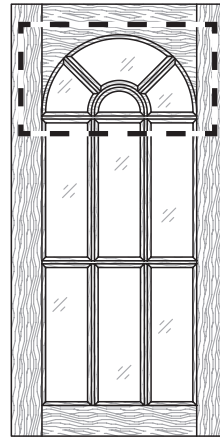
Style 10
LP100 - (2) Patterns
8 Lites



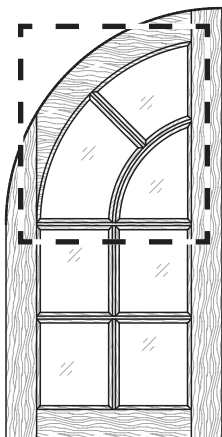
Style 10
LP100 - (3) Patterns
11 Lites



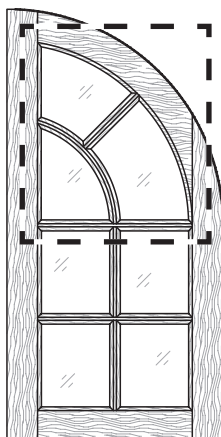
Style 1996
LP101 over 2wx2h Lites
8 Lites



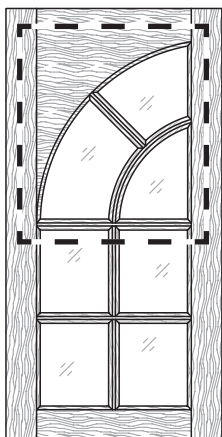
Style 1996
LP102 over 3wx2h Lites
10 Lites



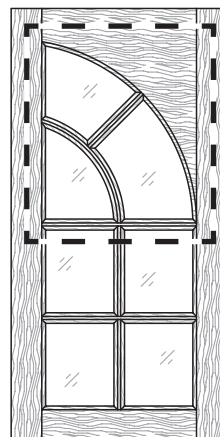
Style 995L
LP103 over 2wx2h Lites
7 Lites



Style 995R
LP103 over 2wx2h Lites
7 Lites

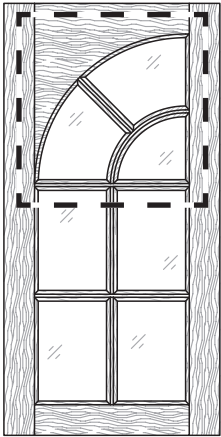


Style 996L
LP103 over 2wx2h Lites
7 Lites

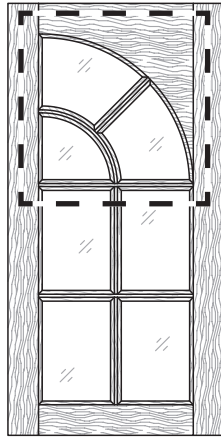


Style 996R
LP103 over 2wx2h Lites
7 Lites

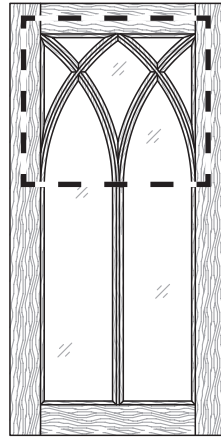
Mullion Lite Pattern Options



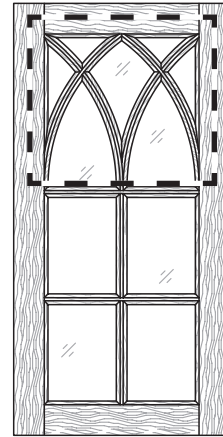
Style 997L
LP104 over 2wx2h Lites
7 Lites



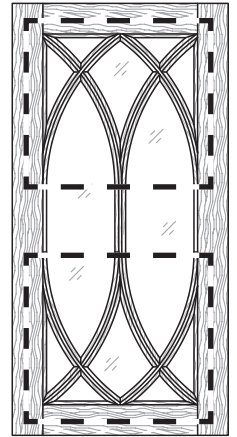
Style 997R
LP104 over 2wx2h Lites
7 Lites



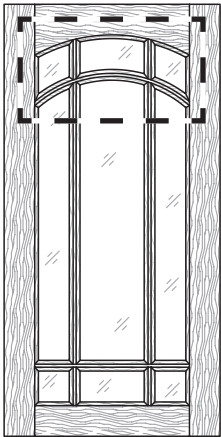
Style 10
LP105 - 7 Lites



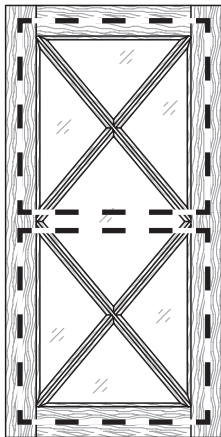
Style 10
LP105 over 2wx2h Lites
11 Lites



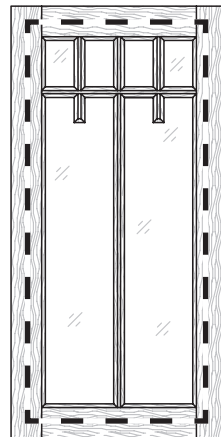
Style 10
LP105 - (2) Patterns
12 Lites



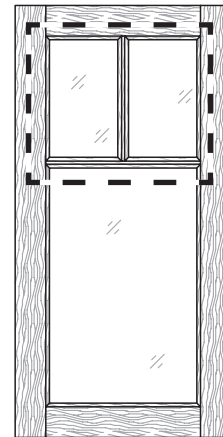
Style 2000
LP106 - 9 Lites



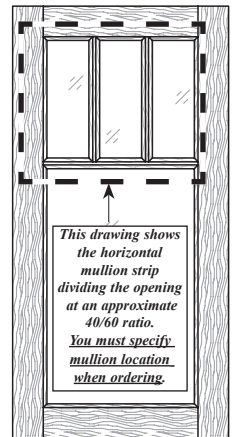
Style 10
LP107 - (2) Patterns
7 Lites



Style 10
LP108 - 6 Lites

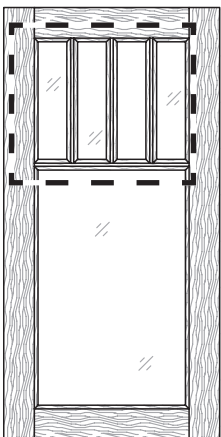


Style 10
LP109 - 3 Lites

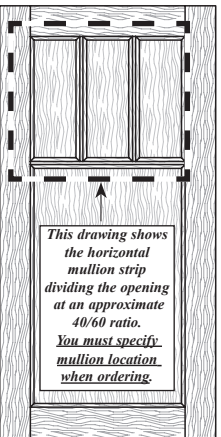


Style 10
LP109 - 4 Lites

This drawing shows the horizontal mullion strip dividing the opening at an approximate 40/60 ratio. You must specify mullion location when ordering.

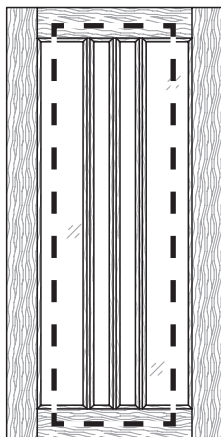


Style 10
LP109 - 5 Lites

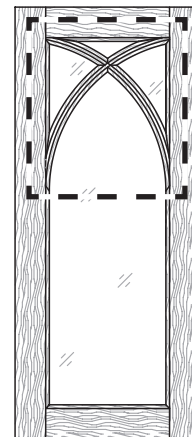


Style 40MUL
w/LP109 - 4 Lites

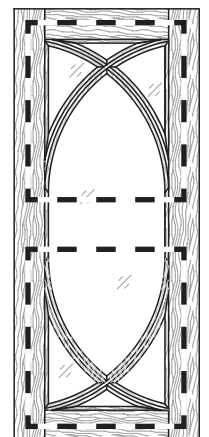
This drawing shows the horizontal mullion strip dividing the opening at an approximate 40/60 ratio. You must specify mullion location when ordering.



Style 10
LP110 - 4 Lites

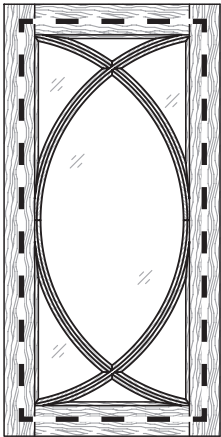


Style 10
LP111 - 4 Lites
Drawn at: 12"W x 28"H

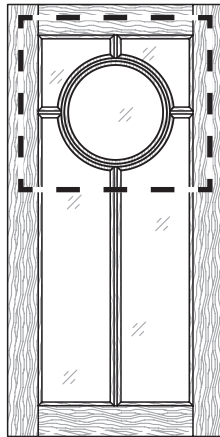


Style 10
LP111 - (2) Patterns
7 Lites
Drawn at: 12"W x 28"H

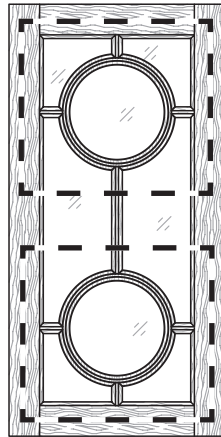
Mullion Lite Pattern Options



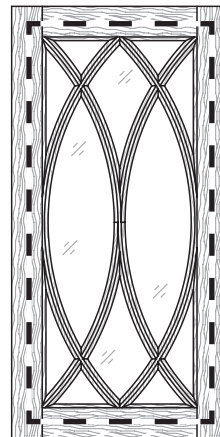
Style 10
LP112 - 7 Lites



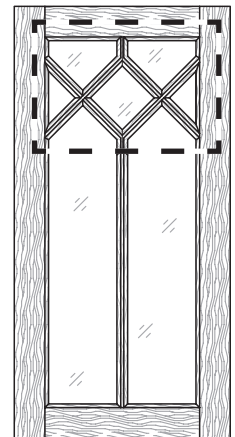
Style 10
LP113 - 5 Lites



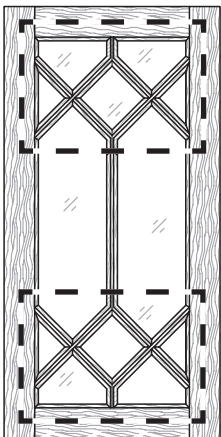
Style 10
LP113 - (2) Patterns
8 Lites



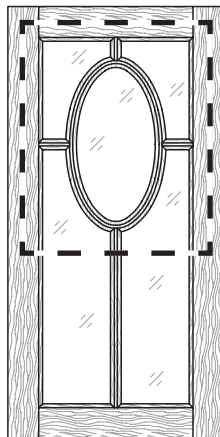
Style 10
LP114 - 12 Lites



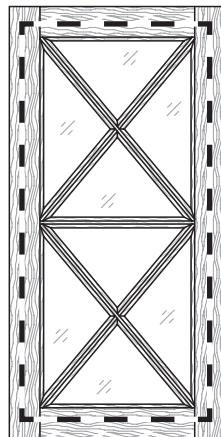
Style 10
LP115 - 7 Lites



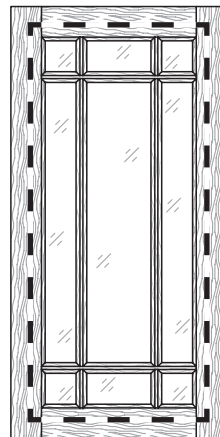
Style 10
LP115 - (2) Patterns
12 Lites



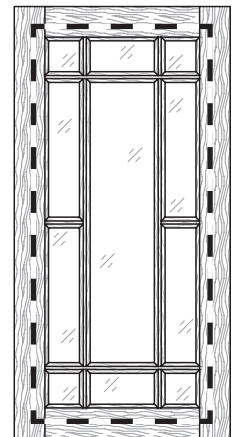
Style 10
LP116 - 5 Lites



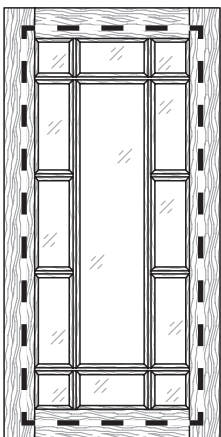
Style 10
LP117 - 8 Lites



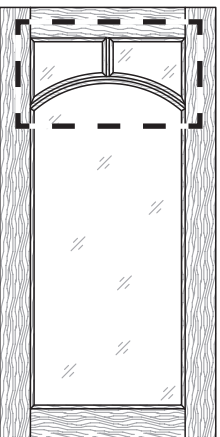
Style 10
LP118 - 9 Lites



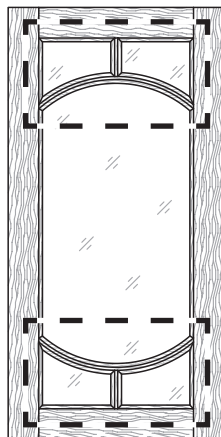
Style 10
LP118 - 11 Lites



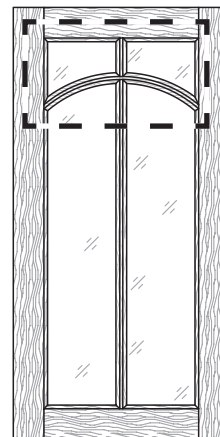
Style 10
LP118 - 13 Lites



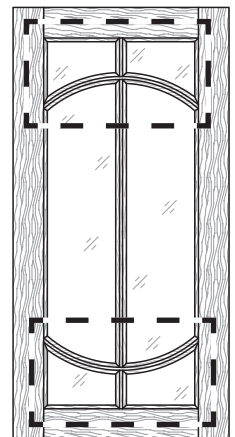
Style 10
LP119 - 3 Lites



Style 10
LP119 - (2) Patterns
5 Lites

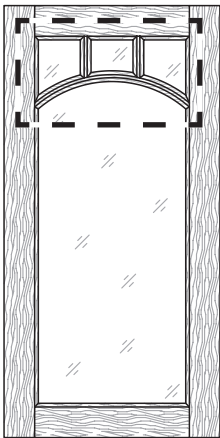


Style 10
LP120 - 4 Lites

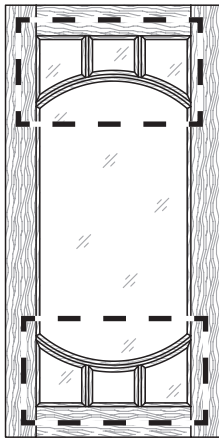


Style 10
LP120 - (2) Patterns
6 Lites

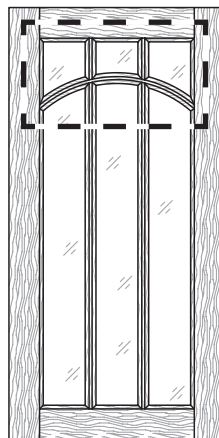
Mullion Lite Pattern Options



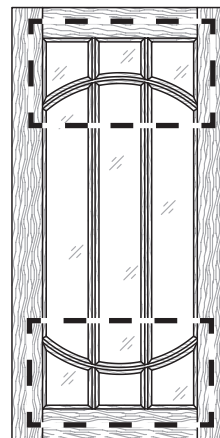
Style 10
LP121 - 4 Lites



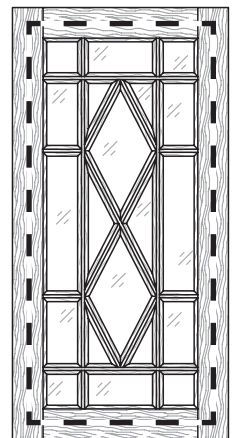
Style 10
LP121 - (2) Patterns
7 Lites



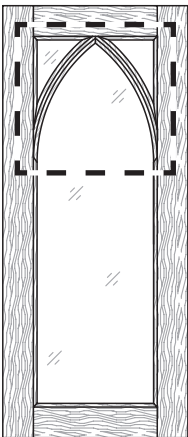
Style 10
LP122 - 6 Lites



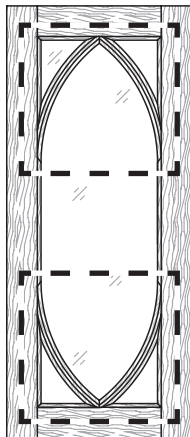
Style 10
LP122 - (2) Patterns
9 Lites



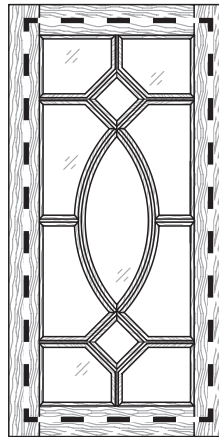
Style 10
LP124 - 20 Lites



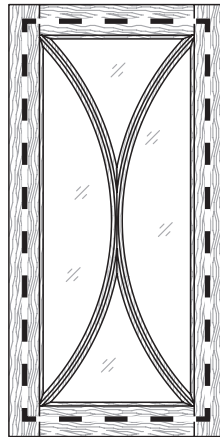
Style 10
LP125 - 3 Lites



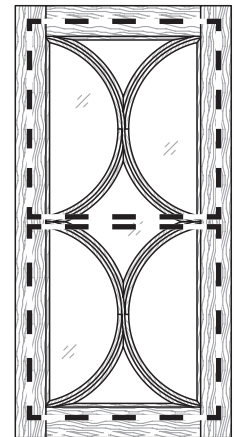
Style 10 - LP125
(2) Patterns
5 Lites



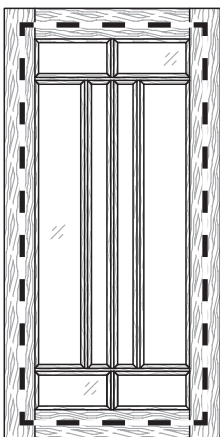
Style 10 - LP126
11 Lites



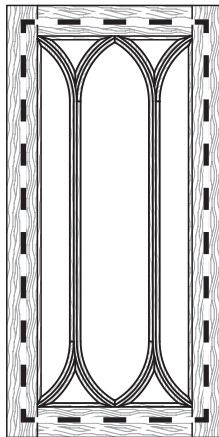
Style 10 - LP127
4 Lites



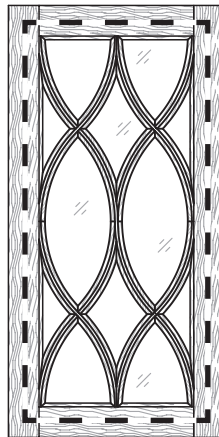
Style 10 - LP127
(2) Patterns
7 Lites



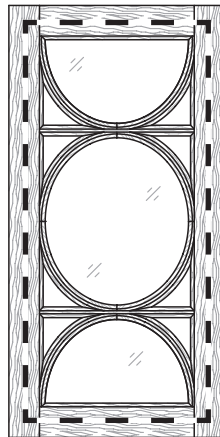
Style 10 - LP128
8 Lites



Style 10 - LP129
7 Lites



Style 10 - LP130
12 Lites



Style 10 - LP132
11 Lites

LP123 Lite Pattern Configuration Options



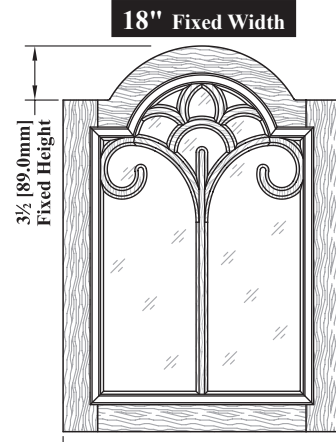
Minimum Width using standard 2 1/4" Stiles

Style 3020
Frame: PC134 x 0.6
LP123 - 8 Lites



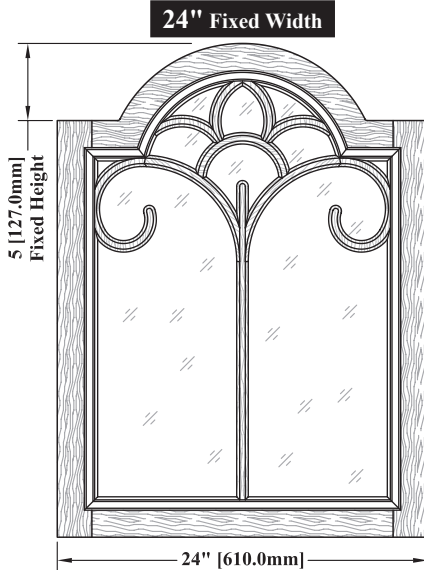
Minimum Width using standard 2 1/4" Stiles

Style 3020
Frame: PC134 x 0.6
LP123 - 10 Lites



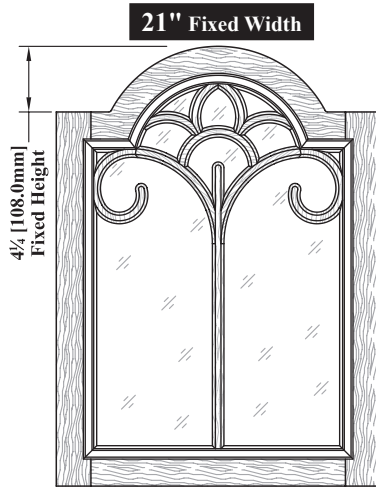
Minimum Width using standard 2 1/4" Stiles

Style 3020
Frame: PC134 x 0.6
LP123 - 10 Lites



Minimum Width using standard 2 1/4" Stiles

Style 3020
Frame: PC134 x 0.6
LP123 - 10 Lites



Minimum Width using standard 2 1/4" Stiles

Style 3020
Frame: PC134 x 0.6
LP123 - 10 Lites

★ To calculate Lite Pattern Price, use the Frame Price information for Door Style 3020 from page B3-3. Add Applied Molding charges from Section E7. Add Standard per Lite cost (page B9-9), in addition to the Lite Pattern charge from the chart below. *True Divided Lites are not available.*

Pricing Per Lite Pattern		
Lite Pattern #	Lite Pattern Charge	Setup Charge (Per Size)
LP123	Contact WalzCraft	"Customer Support"

Frame and Mullion Door Notes

1)	Door Styles	Most Door Styles are available as a Frame or Mullion Door.
		Frame or Mullion Door Styles that use Corner Blocks, require glass to be cut to their contour.
		Glass openings are routed to follow the contour of the shape for Door Styles 1060, 1070, 2011L/R, 2077L/R, 1055, 1065, 1075, 2100L/R, 2121L/R, 2021L/R, 2187, 1020, 2156, 995L/R, 996L/R, 997L/R, 1990, 1996, 4060, 4070, 2012L/R, 2072L/R, 3100L/R, 3131L/R, 3021L/R, 3020, 3187, 4010, 3156, 895L/R, 896L/R, 897L/R, 1860, 1896.
		When ordering door Styles 2500, 2505, 2525, 3500, 3535, 7000, 7010, 7020, 7030, 7040 & 7070 as mullions; we suggest that your lite pattern be no greater than 2 wide, due to the shape of the rails; 3 or more lites in the width may require custom construction.
		Frame and mullion doors over 48"H will <u>not</u> have a center rail unless specified by the customer.
2)	Mullion Lite Pattern Options	Available with Standard or True Divided Lites, unless otherwise noted.
		Custom placement of mullions is also available. Please provide a drawing for a quote.
		For mullion strips over 28" (wide or high), WalzCraft recommends applying a small bead of silicone between the back of the mullion and the glass to help assure stability and prevent possible warpage.
3)	Hinge Boring	Minimum width for a GRF profile with hinge boring is 2", see <i>Hinge Bore Notes</i> for additional information.
4)	Glass Size & Rubber Glass Retainer	We recommend waiting until you receive your frame / mullion doors to measure the actual opening for glass. If your project is time sensitive, our Customer Support Team may assist with calculating sizes to a tolerance of + / - 2mm. See next page , for our Rubber Glass Retainer options and application, along with a formula to calculate the glass size (<i>when glass is cut in a square / rectangular shape</i>) for frames with "straight" stile & rail parts. We do not calculate the glass size for mullions with true divided lites, frames with multiple openings or frames and mullions with shaped stile & rail parts.
5)	LP001	All lites will be evenly spaced, unless otherwise noted. Additional design charges may apply for customer specified lite pattern configurations or placement.
6)	LP100, LP105, LP107, LP113, LP114, LP115, LP116, LP117 and LP125	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2/4" stiles and rails.</i>
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to these mullion patterns and Applied Molding. A CAD drawing must be approved, prior to manufacturing the product.
7)	LP101, LP102, LP103 and LP 104	Minimum Frame width for these Lite Patterns is 12". <i>Minimum is based on 2/4" stiles, bottom rail, and top rail at the narrowest.</i>
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options & are not available with Mitered GRF Profiles.
		Limitations apply to these mullion patterns and Applied Molding.
8)	LP105	Height must be equal to or greater than the width to allow one pattern or twice the width for a pattern on top & bottom.
9)	LP106	Minimum Frame width for this Lite Patterns is 12". <i>Minimum is based on 2/4" stiles, bottom rail, and top rail at the narrowest.</i>
		Specify the Width and Height of the corner lites. <i>Minimum size for corner lites is 2" x 2".</i>
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options & are not available with Mitered GRF Profiles.
		Limitations apply to this mullion pattern and Applied Molding.
10)	LP108	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2/4" stiles and rails.</i>
		Opening height of the lite pattern must be specified, <i>minimum height is 1"</i> . Width of the lite pattern will be equal.
		Short pieces will be half of the height of the vertical pieces above it and have a "female" cut on the ends.
		Available with all 3/4" Traditional and 1" Old World Stile and Rail Profile/Mullion Combinations; <i>see Profile Information.</i>
		Available with the MP609, MP611 and MP612 Mitered GRF profile families.
11)	LP109	Specify the horizontal mullion strip placement from the top of the door to the top of the mullion strip.
		Additional design charges may apply for customer specified lite pattern configurations or placements that vary from designs shown.
12)	LP110	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2/4" stiles and rails.</i>
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options.
		Pattern consists of two center lites with 1" spacing; the remaining space is equally divided to the outside.
13)	LP111	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2/4" stiles and rails.</i>
		One Pattern (4 Lites): Minimum door height must be 1.5 times the door width, plus the total width of the top / bottom rail.
		Two Patterns (7 Lites): Minimum door height must be 2 times the door width, plus the total width of the top / bottom rail.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to these mullion patterns and Applied Molding. A CAD drawing must be approved, prior to manufacturing the product.
14)	LP112	Minimum height needs to be two times the width of the door.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to this mullion pattern and Applied Molding.
		A CAD drawing must be approved, prior to manufacturing the product.
15)	LP118	Specify the Width and Height of the corner lites. <i>Minimum size for corner lites is 1" x 1"</i> . Additional design charges may apply for customer specified lite pattern configurations or placements.

Frame and Mullion Door Notes...continued

16)	LP119, LP120, LP121 and LP122	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" stiles and rails.</i>
		Corner lites must be specified at the widest & narrowest: this determines the radius of the curved piece. <i>Minimum at narrowest is 2"</i> .
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to these mullion patterns and Applied Molding.
17)	LP123	Due to complexity, width dimensions for this Lite Pattern are limited to fixed sizes . Heights may vary.
		Minimum width dimensions are based on 2¼" stiles and vary given the number of lites per opening.
		The minimum width, standard stile size and the number of lites that will accommodate that frame size is depicted below each drawing.
		Constructed with SR100 Stile & Rail Profile, Applied Molding #101 or #102 , & #1895 Mullion Stock on <i>pages N5-2 and N6-1</i> .
		Limited to Outside Edge Profiles D7, D12, D15, D17, D18, D21, D24, D32, D41, D52, D67, D93, D101, D102, D115, D118 & D120 only .
		When ordering sizes that range between one or two templates, the frame must be constructed with non-standard part sizes to maintain the mullion pattern template size. You may increase the size of the stiles on the frame with fewer lites, or decrease the size of the stiles on the frame with the greater number of lites. <i>(If ordering a mullion door 12½" wide, you will need 2½" stiles.)</i> The top and bottom rails may also be increased by the same value to maintain aesthetics and balance proportions.
A CAD drawing must be approved, prior to manufacturing the product.		
18)	LP124	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" Stiles and Rails.</i>
		Specify the Width and Height of the corner lites. <i>Minimum size for corner lites is 1" x 1"</i> .
		Limitations apply to Mitered GRF profiles.
		Limitations apply to these mullion patterns and Applied Molding.
A CAD drawing must be approved, prior to manufacturing the product.		
19)	LP126	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>(Minimum is based on 2¼" Stiles and Rails.)</i>
		Diamond portion is a fixed size at 2" x 2".
		Height must be at least two times the width of the door.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options.
		Limitations apply to Mitered GRF profiles.
Limitations apply to these mullion patterns and Applied Molding.		
A CAD drawing must be approved, prior to manufacturing the product.		
20)	LP127	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>(Minimum is based on 2¼" Stiles and Rails.)</i>
		For LP127 - 4 Lites, minimum height of the door must be greater than the width.
		For LP127 - (2) Patterns - 7 Lites, minimum height must be at least 2 times the width of the door.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options.
		Limitations apply to Mitered GRF profiles.
Limitations apply to this mullion pattern & Applied Molding.		
A CAD drawing must be approved, prior to manufacturing the product.		
21)	LP128	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" Stiles and Rails.</i>
		Opening height of top & bottom lites must be specified, minimum of 1". Width of top & bottom lites will be equal.
		Width of center lite pattern will consist of two center lites with 1" spacing. The remaining space on either side will be equally divided.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to this mullion pattern and Applied Molding.
A CAD drawing must be approved, prior to manufacturing the product.		
22)	LP129	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" Stiles and Rails.</i>
		Minimum height of door must be equal to or greater than the width.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to this mullion pattern and Applied Molding.
A CAD drawing must be approved, prior to manufacturing the product.		
23)	LP130	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" Stiles and Rails.</i>
		Minimum height of door needs to be at least two times the width of door.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to this mullion pattern and Applied Molding.
A CAD drawing must be approved, prior to manufacturing the product.		
24)	LP132	Minimum width for a frame with a Mullion Lite Pattern Option is 12". <i>Minimum is based on 2¼" Stiles and Rails.</i>
		Minimum height of door must be at least 2 times the width of the door.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options. Limitations apply to Mitered GRF profiles.
		Limitations apply to this mullion pattern and Applied Molding.
A CAD drawing must be approved, prior to manufacturing the product.		
25)	40MUL	Lite pattern is applied to the front face of a ¼" Veneered Flat Panel.
		A lite pattern must be specified for this style.
		Available with <i>most</i> Traditional GRF profiles with matching mullion stock options.
		For pricing, see "Price Calculation for a Mullion Door" on <i>page B9-9</i> .
26)	Compatibility Charts	Please reference Website Resources / Forms-Information / Technical Information.

★ Price Calculation For A Frame Door ★

Determine which Price Class your door frame belongs to. The frame price class is indicated in the information below the illustration of your chosen door style.

Use the chart on *pages B1-11 through B1-13* to determine the square foot price for your chosen door style's price class and wood species/grade.

Multiply this square foot price by the factor associated with your frame price class. The factor is listed with the frame price class information noted below the illustration of your chosen door style.

Upcharges for oversize do not apply. Frame Doors have a 1 Square Foot Minimum Per Item for Pricing Only.

EXAMPLE:

Step 1) The STYLE 20 door shown is price class 102 with a factor of 0.6.

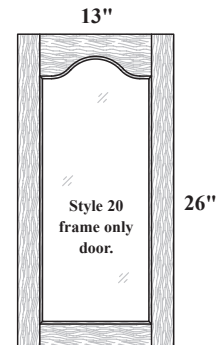
Step 2) $13'' \times 26'' = 338$. $338 \div 144 = 2.35$ square feet.

Step 3) If the wood species is to be Oak - Red - Natural/Standard Grade, the charge will be the base cost per square foot times a factor of 0.6.

Base Cost per Sq.Ft. x 0.6 = Charge per square foot.

Charge Per SQ. FT. x 2.35 = Total Cost of Frame Door

Plus Your Expedite Upcharge, if applicable. Plus Packaging Fees



Style: 20
PC: 102
Frame: PC102 x 0.6
Min. Size: 8x9½

★ Price Calculation For A Mullion Door ★

Step 1) Calculate the price of the door as a frame door (for a ¼" Veneered Flat Panel Door with Mullions, calculate the price of the door using the appropriate Price Class without the factor).

Step 2) Add charge per square foot for each additional center stile or rail, if applicable.

Step 3) Add charge per lite for standard lites...or...Add charge per lite for true divided lites (true divided lights not available on ¼" Veneered Flat Panel Door with Mullions).

Step 4) Add the cost for standard Mullion Lite Patterns, if applicable.

★ To Calculate Lite Pattern Pricing: ★

Use the Frame price class and factor to determine the cost for the Door Style selected.

Add the standard per Lite cost, *whether Standard or True Lites*, in addition to the Lite Pattern and Setup Charges.

* *If using True Divided Lites, the multiplier would be 1½ times the Lite Pattern and Setup Charges.*

★ Ready To Assemble (RTA) Frame Only Doors: Add charge per Joint ★

Lite Pattern Pricing

Lite Pattern	Lite Pattern Charge	Setup Charge (Per Size)	Lite Pattern	Lite Pattern Charge	Setup Charge (Per Size)
LP001	Contact WalzCraft "Customer Support" for pricing or complete our Catalog Request Form to receive our latest "Master" Product Specifications & Wholesale Pricing Catalog.		LP115	Contact WalzCraft "Customer Support" for pricing or complete our Catalog Request Form to receive our latest "Master" Product Specifications & Wholesale Pricing Catalog.	
LP100			LP116		
LP101			LP117		
LP102			LP118		
LP103			LP119		
LP104			LP120		
LP105			LP121		
LP106			LP122		
LP107			LP124		
LP108			LP125		
LP109			LP126		
LP110			LP127		
LP111			LP128		
LP112			LP129		
LP113			LP130		
LP114	LP132				

Frame and Mullion Door Pricing Notes

1)	Center Stiles & Rails	Frame prices include the cost of the center stiles and rails, when they are a standard part of that door style. Adding a center stile or rail requires a separate piece of glass for each section (<i>not to be confused with True Divided lites</i>). See additional up-charge above.
2)	Finishing Costs for "Frame Only" Doors	When pricing the finishing cost for a "Frame Only" Door, calculate the square footages of the individual parts, Top Rail, Bottom Rail, Left Stile, Right Stile, etc., using a .25 square foot minimum per part and multiply the total square footage of parts by the finishing cost found in <i>Chapter R</i> .
3)	Mullion Doors	Mullion doors that are finished, are priced using the total square footage of the door.
4)	Wainscot Frame Only Pricing	See <i>Sections Q1 & Q2</i> .
5)	Ready To Assemble (RTA)	Ready To Assemble (RTA) frame only doors are subject to an additional charge per joint. See pricing guidelines <i>page A4-3</i> .