



ARCHITECT CUT SHEET

EURO PIVOT™ IMPACT RATED ALUMINUM DOORS

Euro-Wall's Euro Pivot™ door comes in aluminum or aluminum with wood clad. The Euro Pivot™ can be constructed to a height of 12' and a width of 8' providing solutions for non-traditional breathtaking openings. The Euro Pivot™ is a great impact rated Florida Product Approved pivot door option for any commercial or residential application.

PANEL MINIMUM / MAXIMUM

Max Panel Weight: 700 lbs

Min Panel Width: 36"

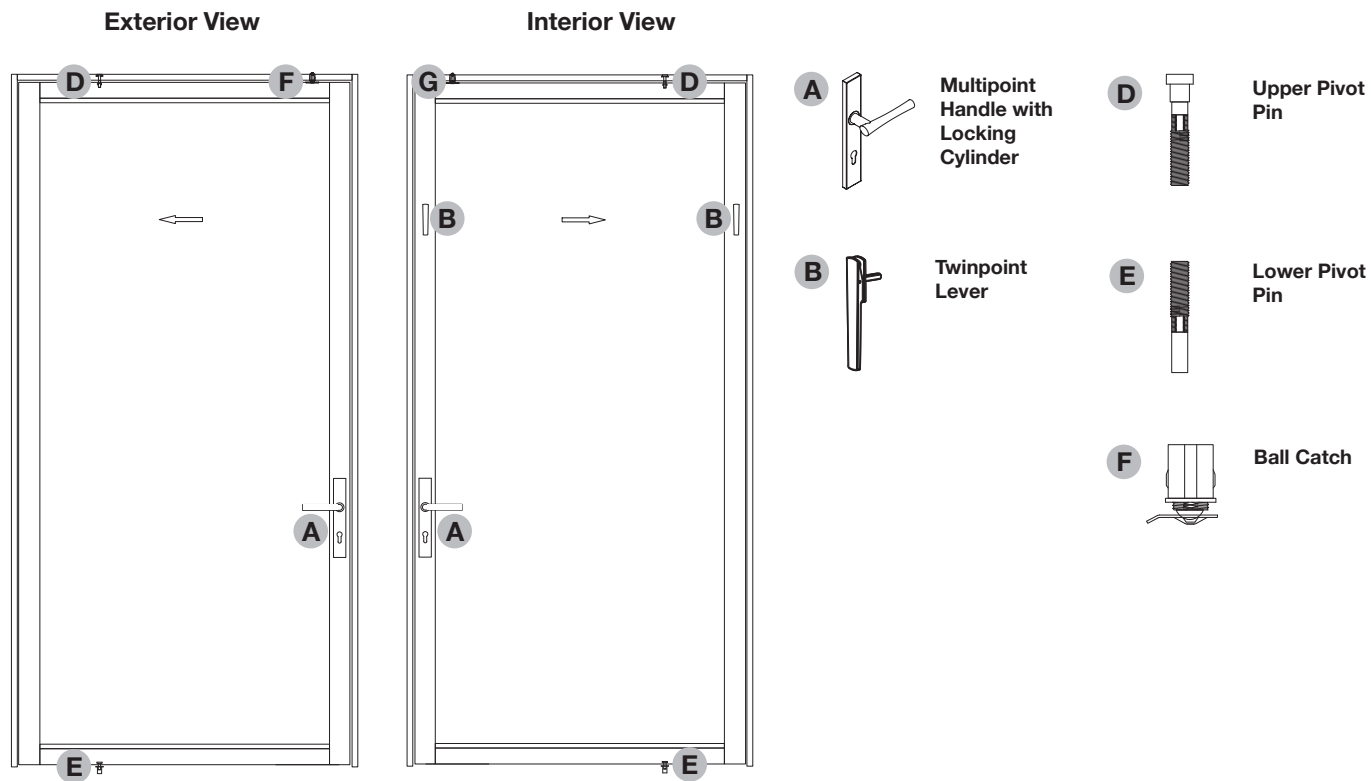
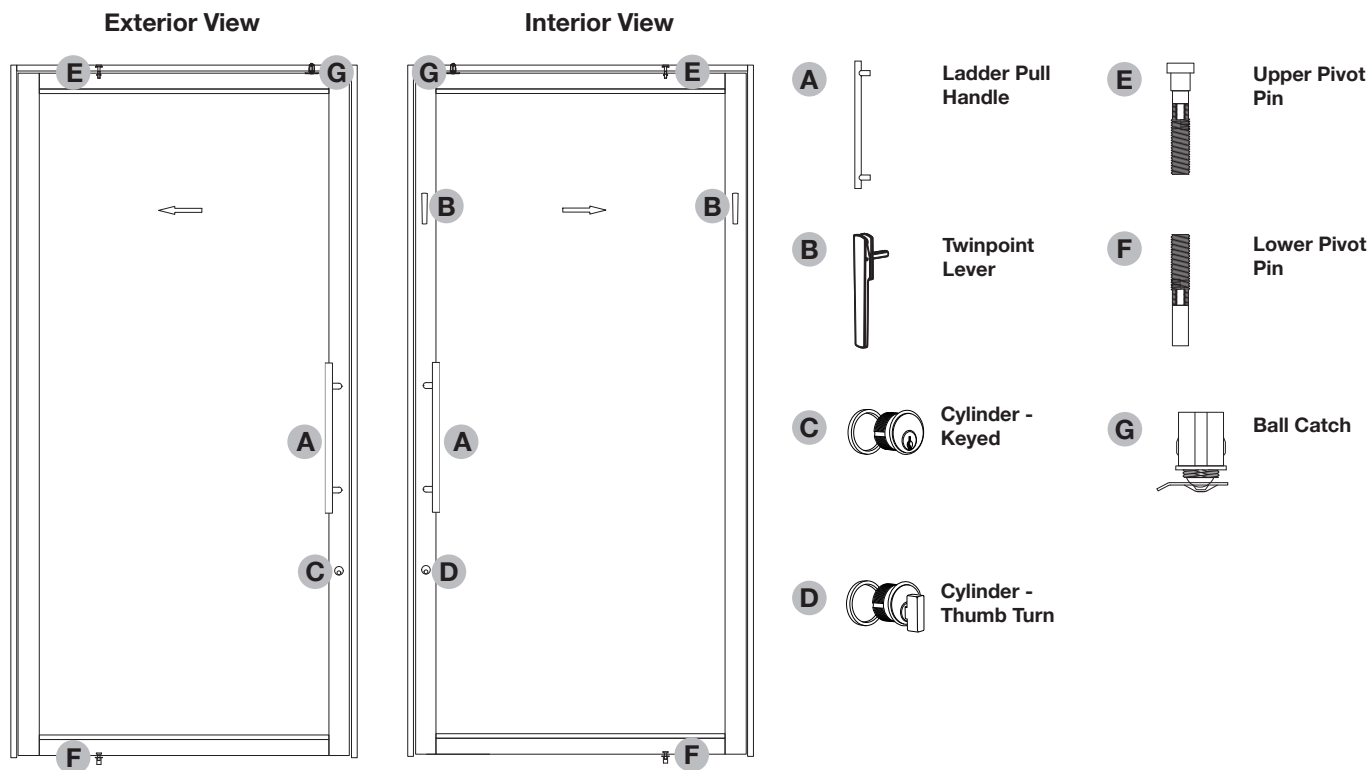
Max Panel Width: 100"

Min Panel Height: 48"

Max Panel Height: 168"

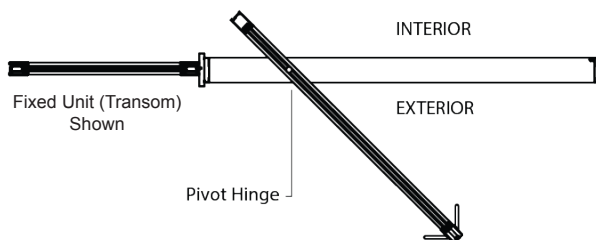
Panel Thickness: 2-1/4"

OVERVIEW DIAGRAM

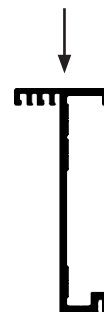


SWING ORIENTATIONS

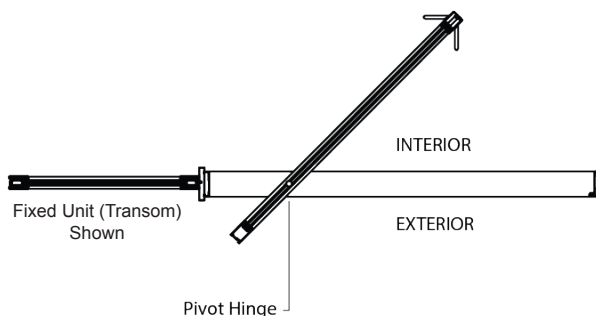
**Right Hand
Outswing**



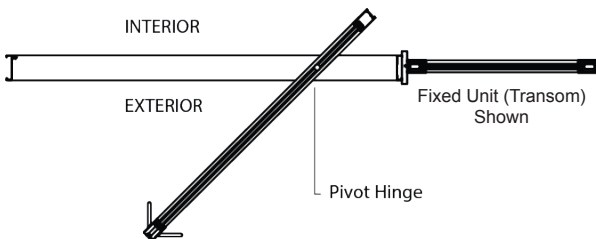
Jamb Orientation



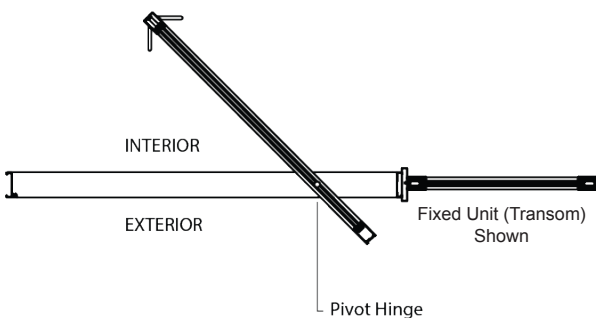
**Left Hand
Inswing**



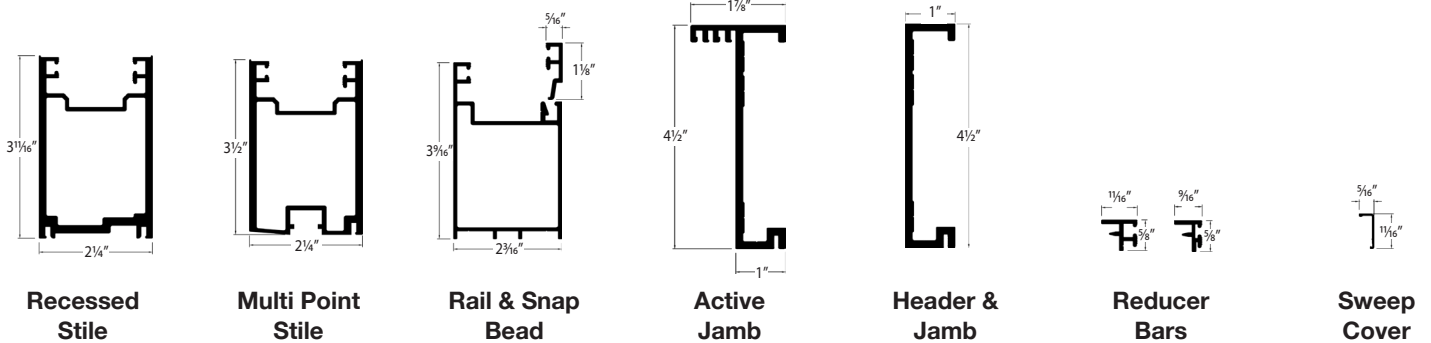
**Left Hand
Outswing**



**Right Hand
Inswing**



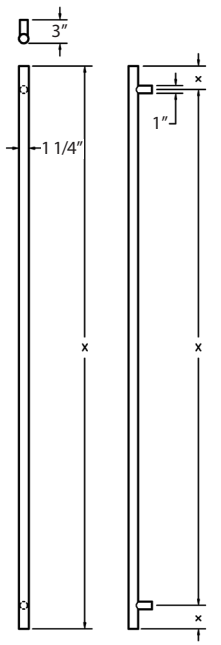
EXTRUSION PROFILES



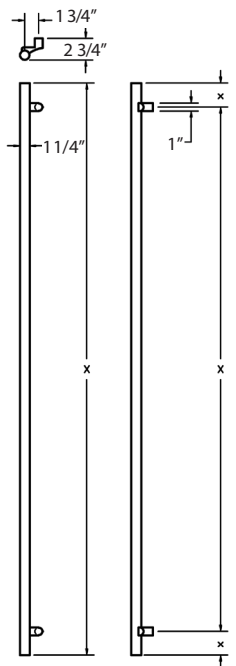
HANDLES

Ladder Pull Handle

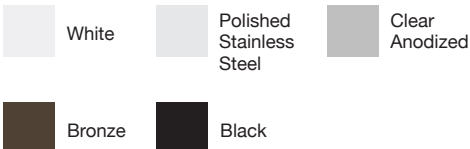
Straight



Offset

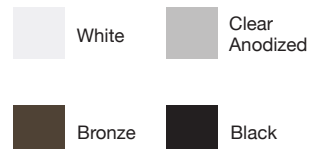
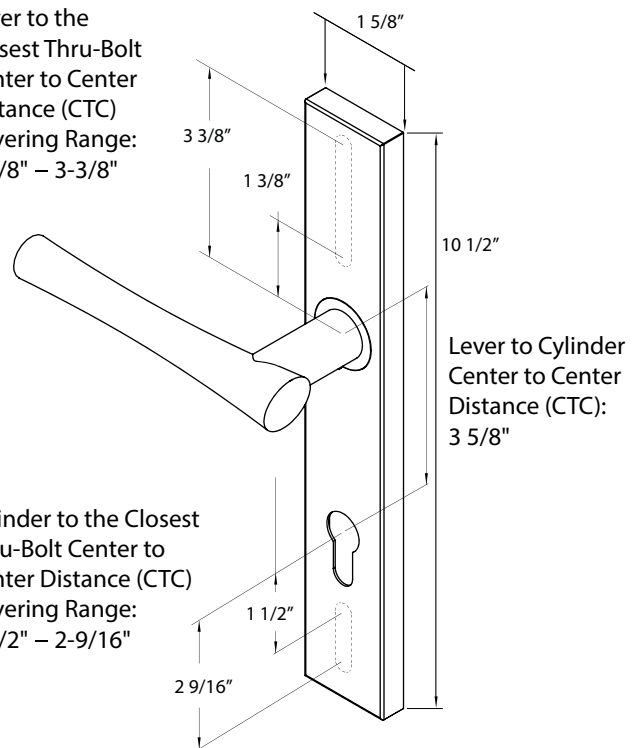


Standard 12"
Custom up to 72" nominal

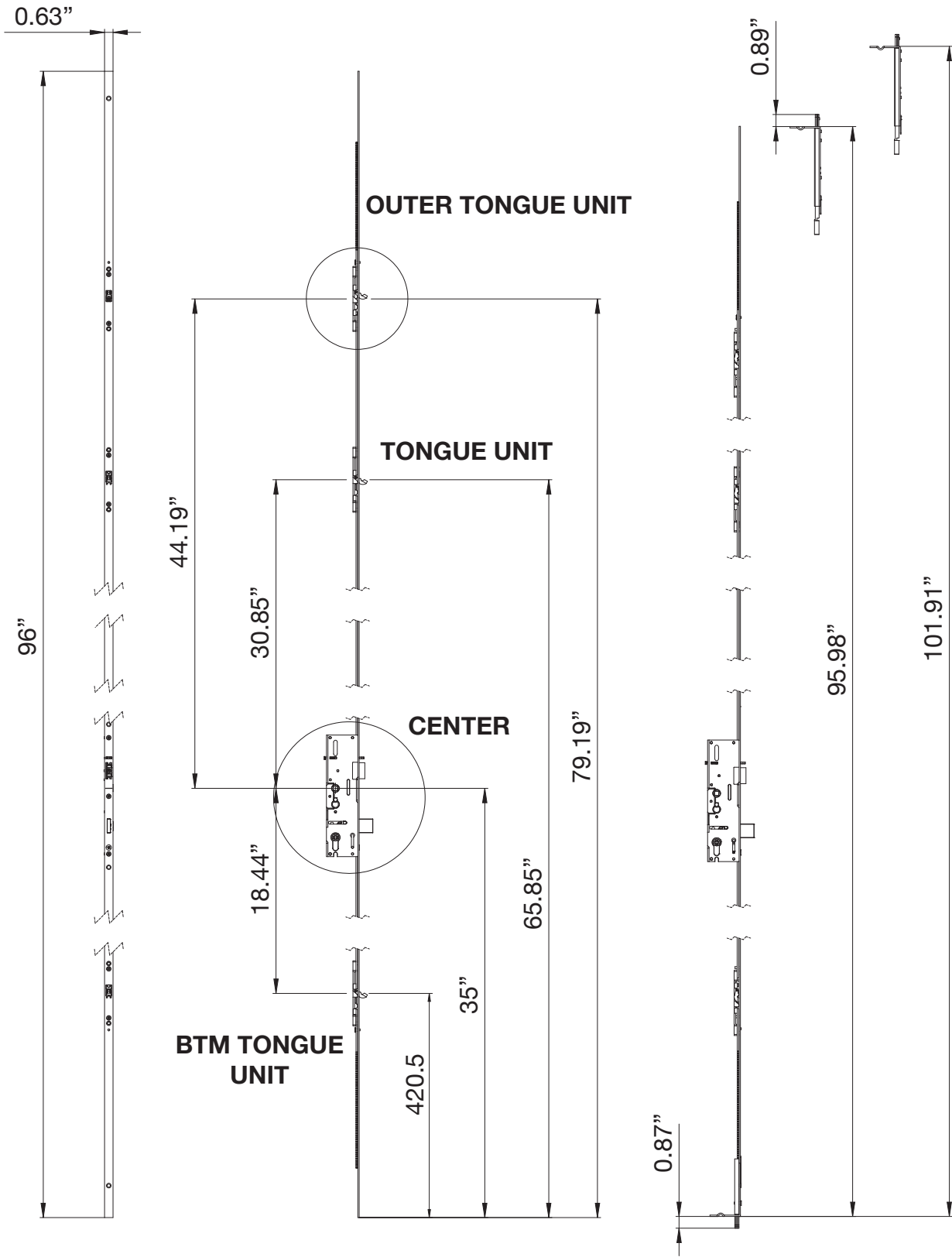


Multi Point 5 Point Locking Handle

Lever to the
Closest Thru-Bolt
Center to Center
Distance (CTC)
Covering Range:
1-3/8" – 3-3/8"

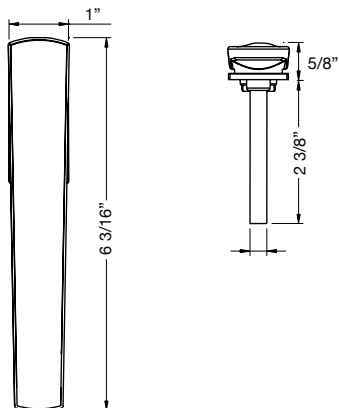


5 POINT LOCK



LOCKS

Twinpoint Lever



Key & Thumb Turn Locks



1" • Key Cylinder
Use: Non-Cladded Door

1-1/8" • Key Cylinder
Use: Single Side Clad Door

1-1/2" • Key Cylinder
Use: Double Side Clad Door



1" • Thumb Turn Cylinder
Use: Non-Cladded Door

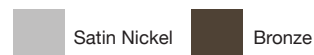
1-1/8" • Thumb Turn Cylinder
Use: Single Side Clad Door

1-1/4" • Thumb Turn Cylinder
Use: Clad > 3/16"

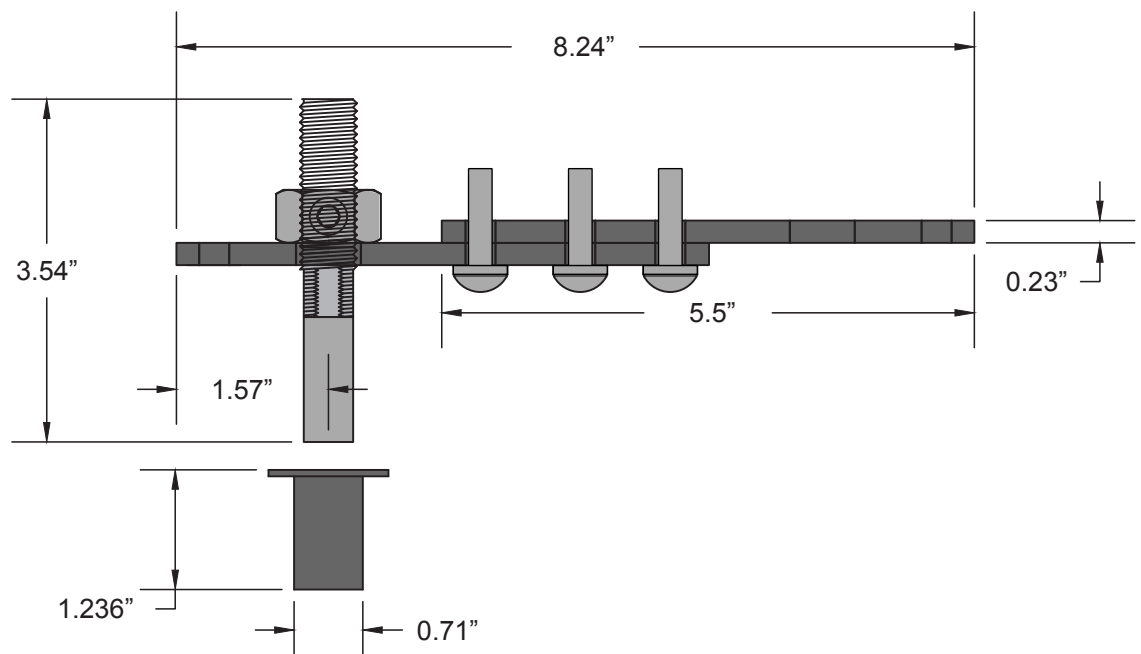
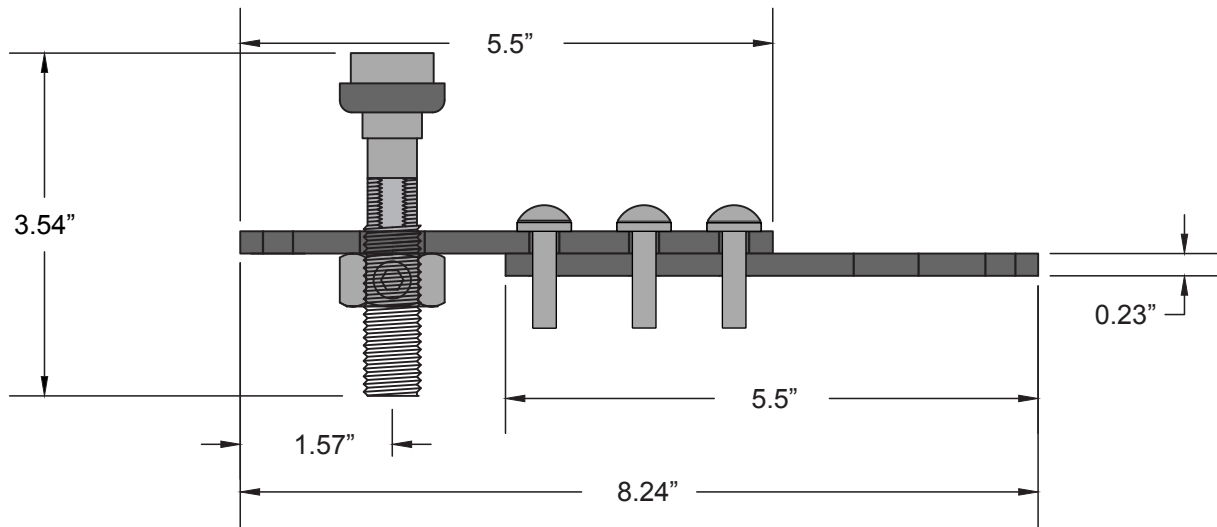
1-1/2" • Thumb Turn Cylinder
Use: Double Side Clad Door



1/8" Collar Ring
Use: All Cylinders

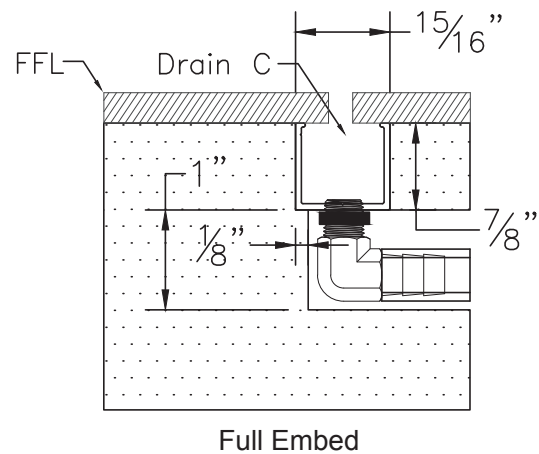
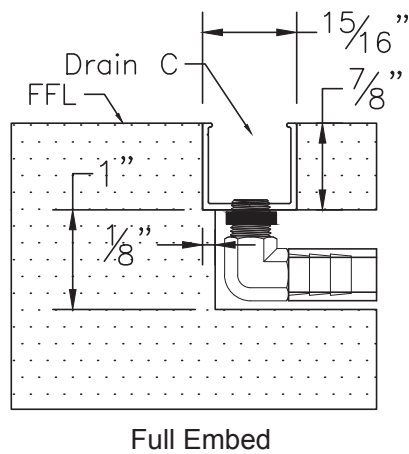


PIVOT PINS

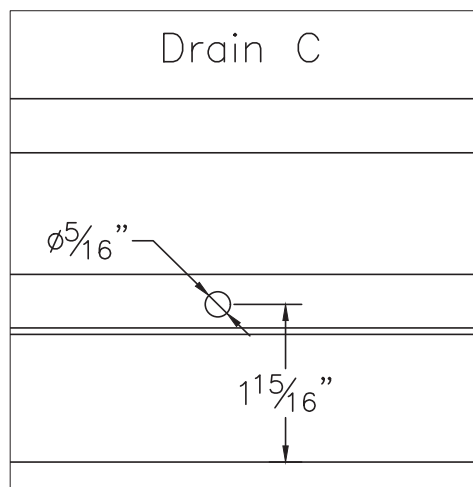


EMBED OPTIONS

Water Management System Typical Drain Hole Embedding

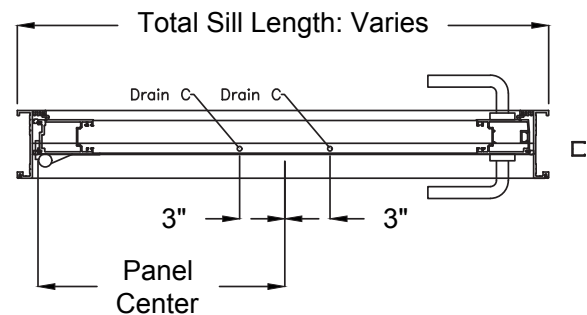


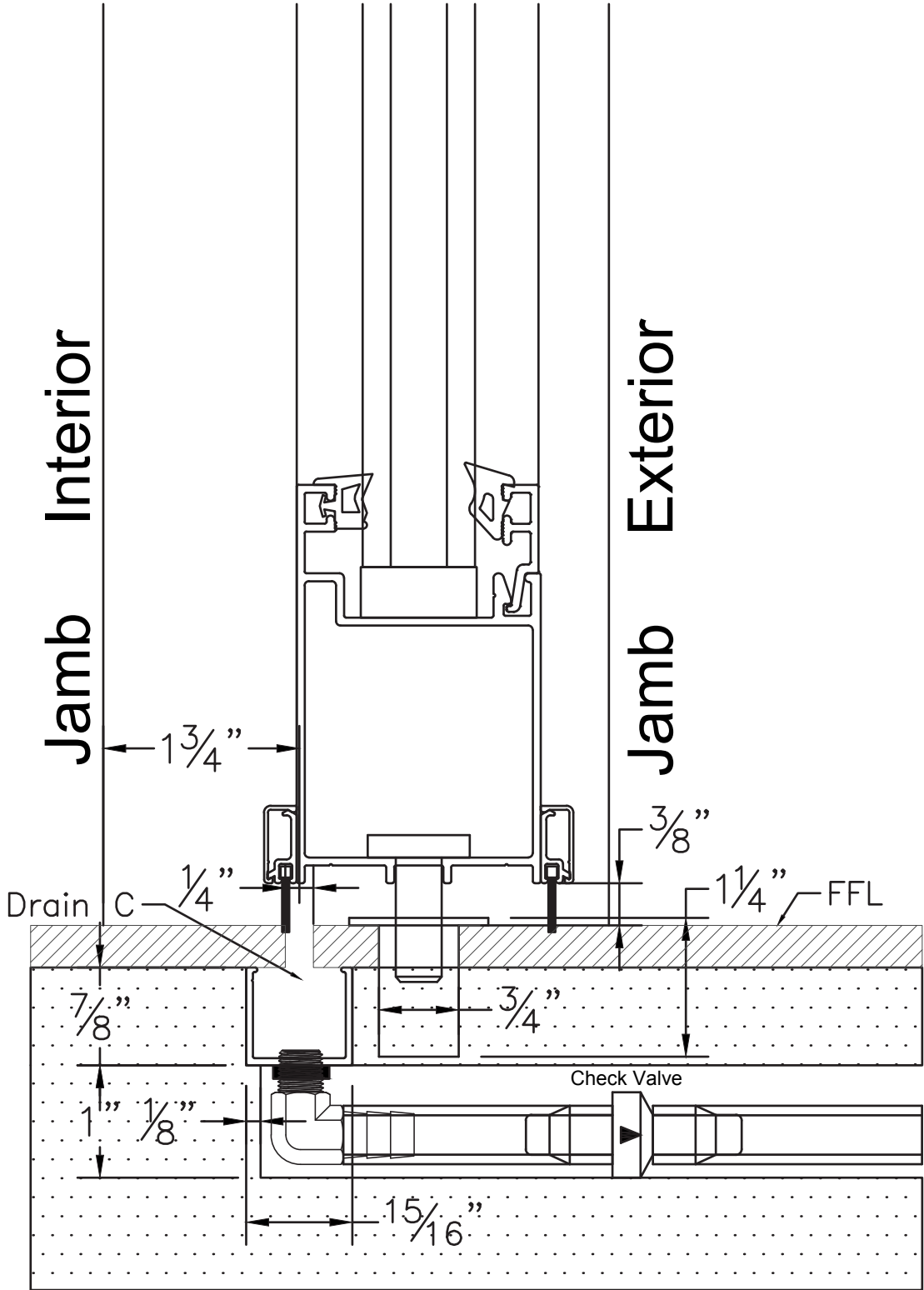
Water Management System Typical Drain Hole Milling



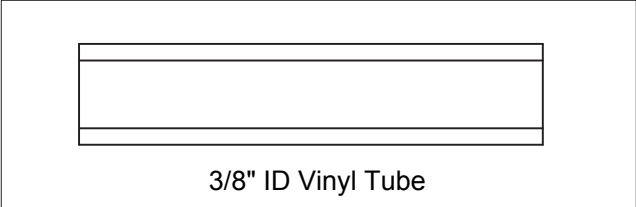
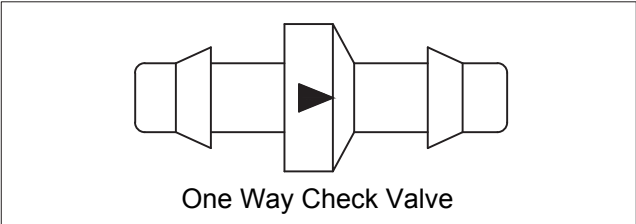
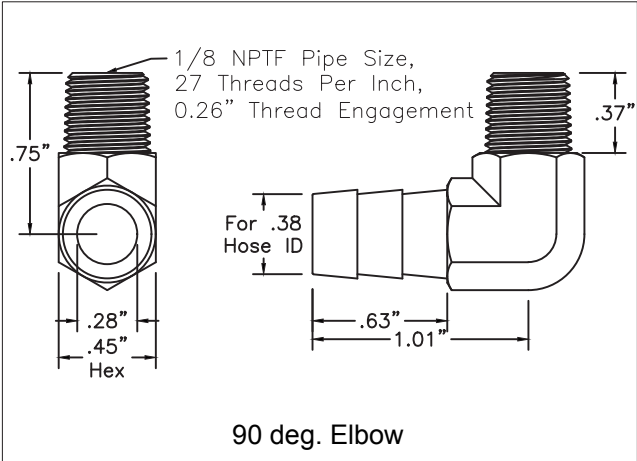
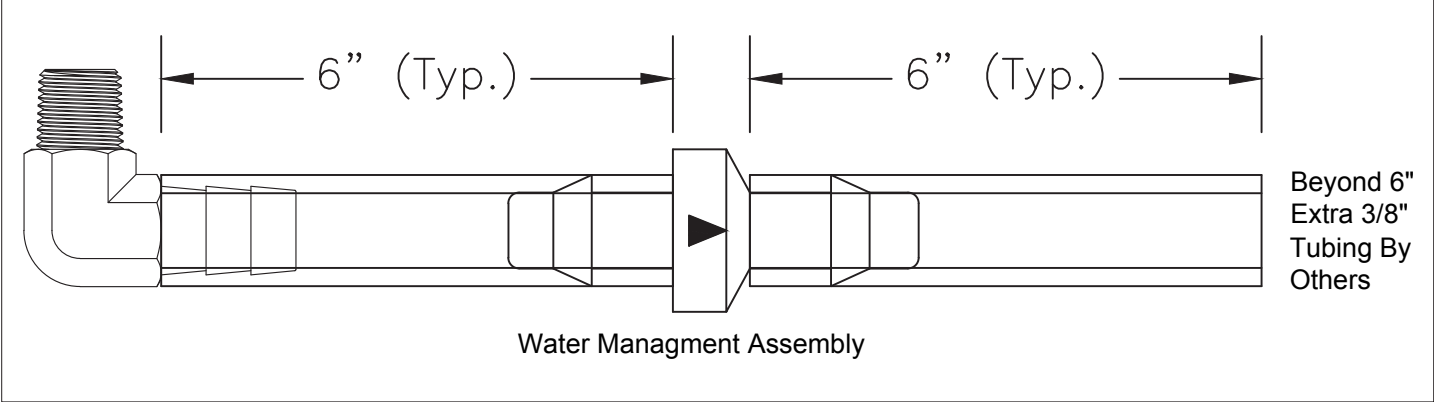
Water Management System Typical Drain Hole Location

Drill using a $\frac{5}{16}$ " Bit, and Tap using a $\frac{1}{8}$ "
NPT, with 27 Threads per Inch

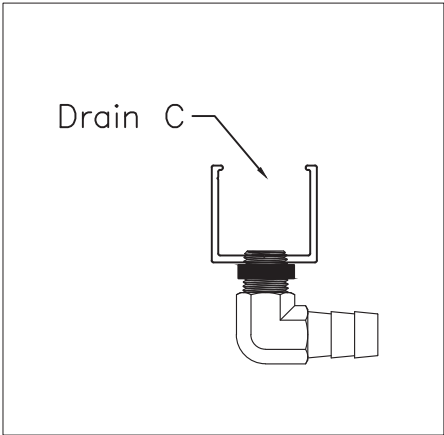




Water Management System - Parts

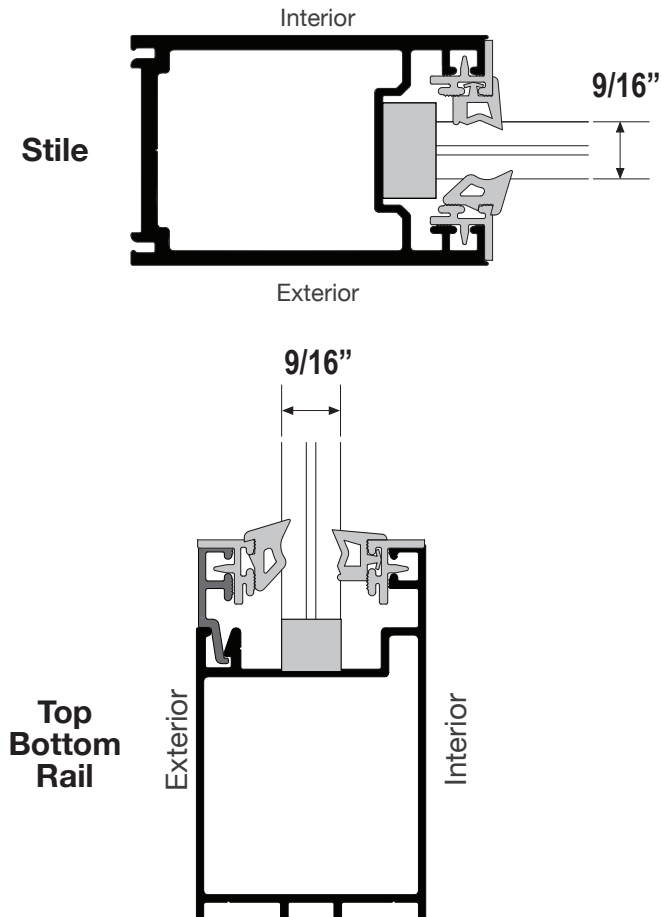


Typical Drain Hole Location

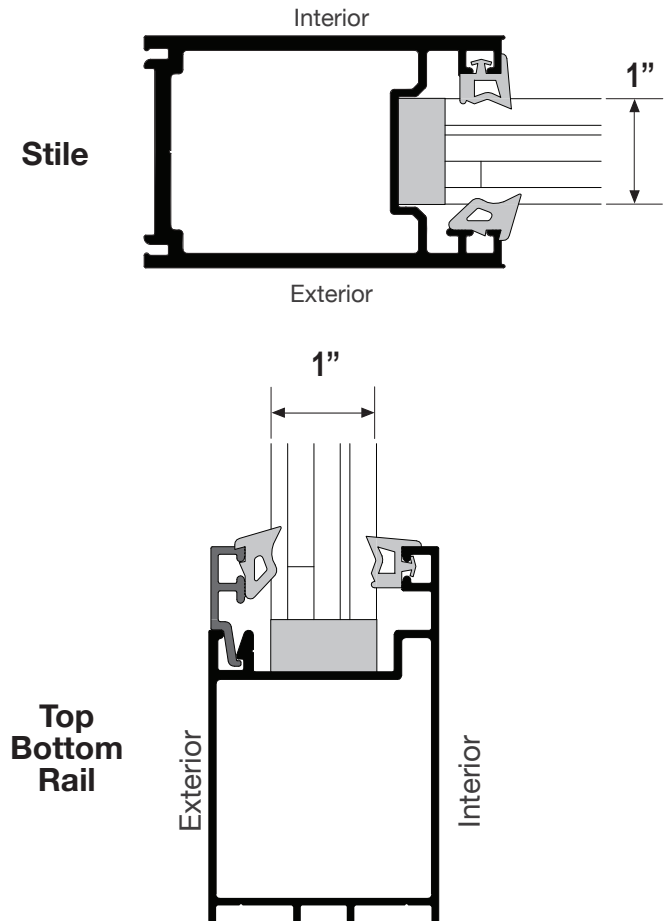


GLAZING DETAILS

Impact Glass (9/16" Monolithic)

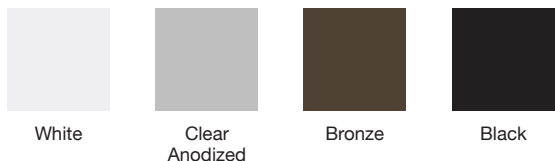


IG Impact



FINISH OPTIONS

Standard Finishes



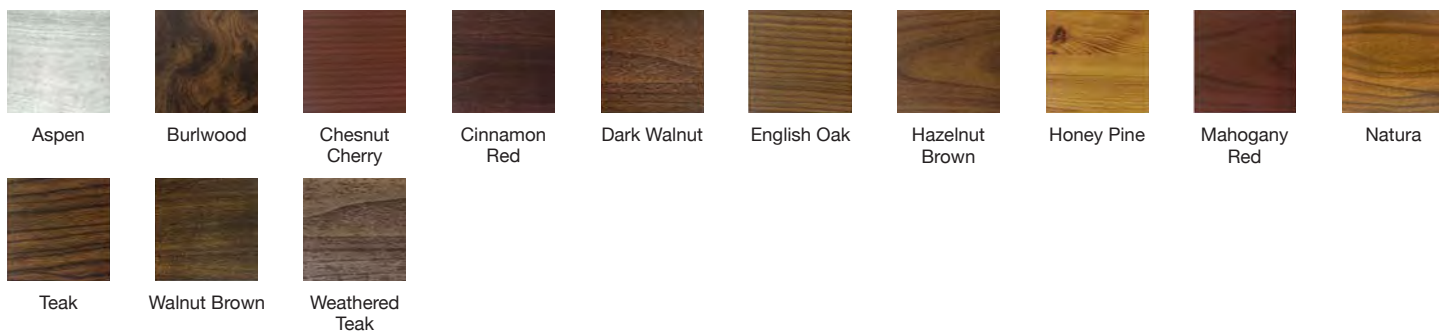
Standard Wood Finishes



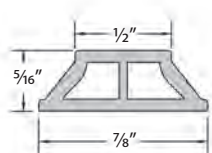
Exotic Wood Finishes



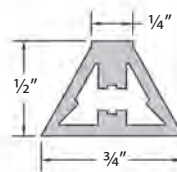
Faux Wood Grain Finishes



GRID OPTIONS



7/8" OG MUNTIN

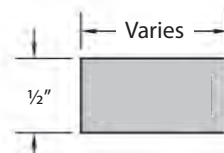


3/4" STANDARD MUNTIN



3/4" FLAT MUNTIN

NOTE: The 3/4" flat muntin is primarily used for sliding doors, however if your project has pivot and sliding doors this muntin will be used to make them all match.

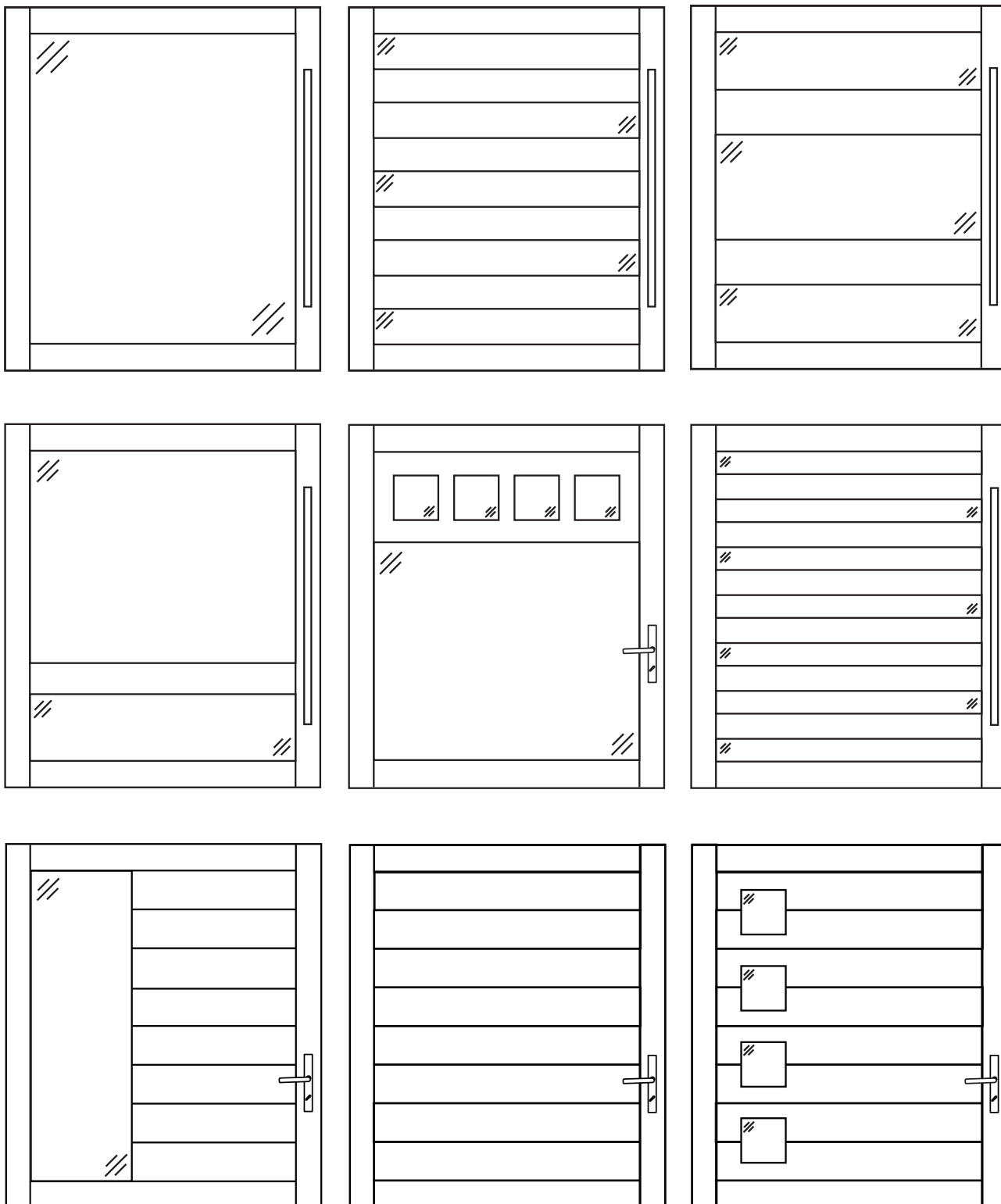


1/2" STANDARD MIDRAIL

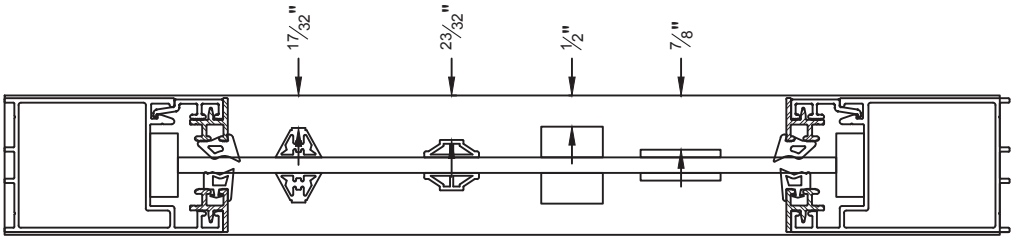
Used for midrails up to 4"

CONFIGURATIONS

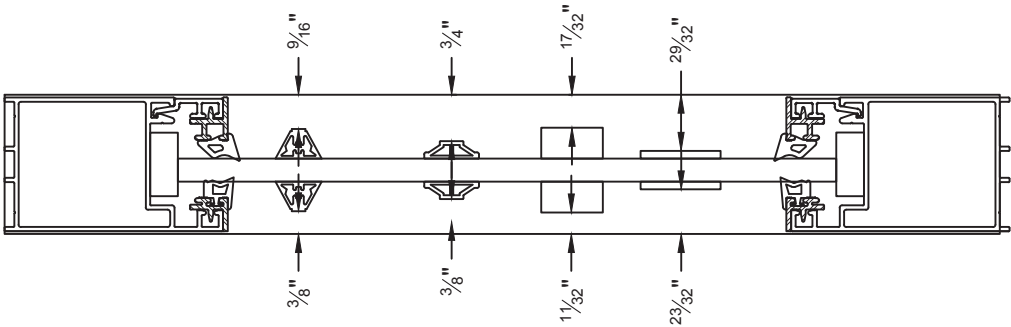
The configurations below are just a few examples of the numerous possibilities for Euro Pivot™ Door. All configurations are available in aluminum, interior wood clad or an interior/exterior faux wood grain kynar finish.



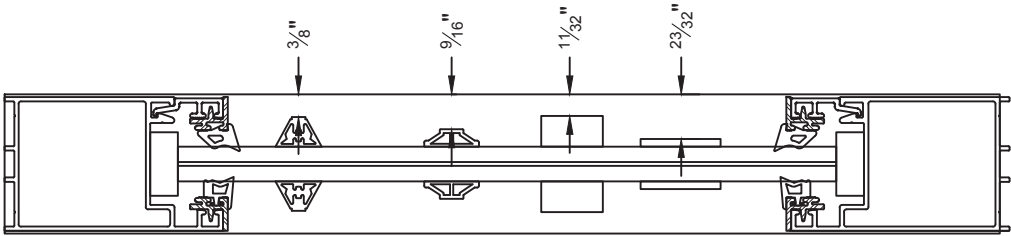
1/4



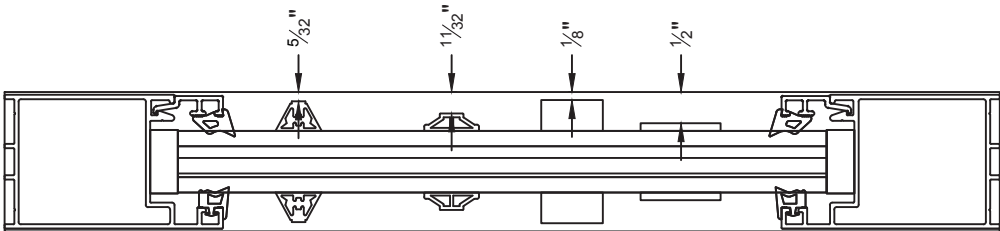
3/8



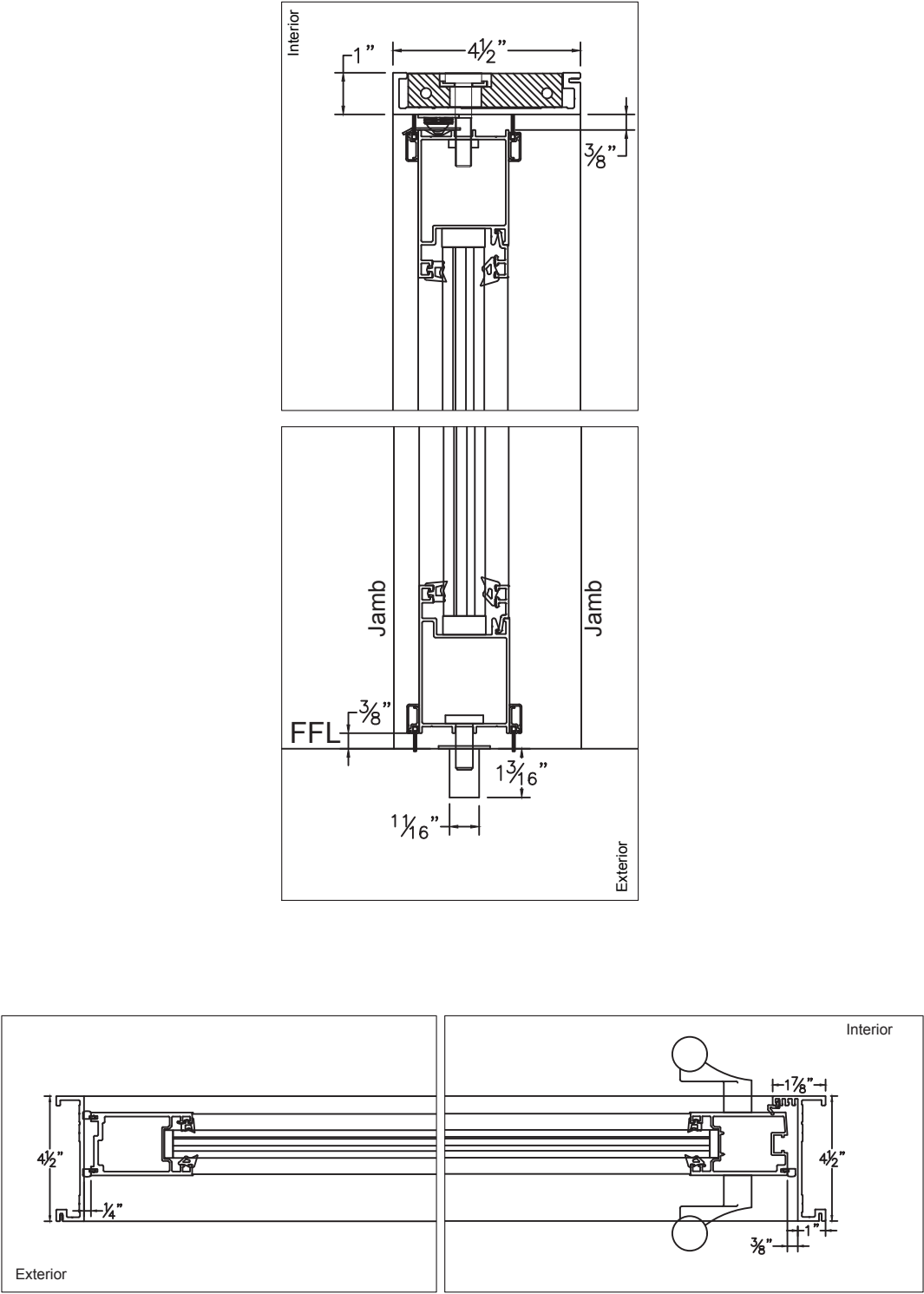
9/16 Mono



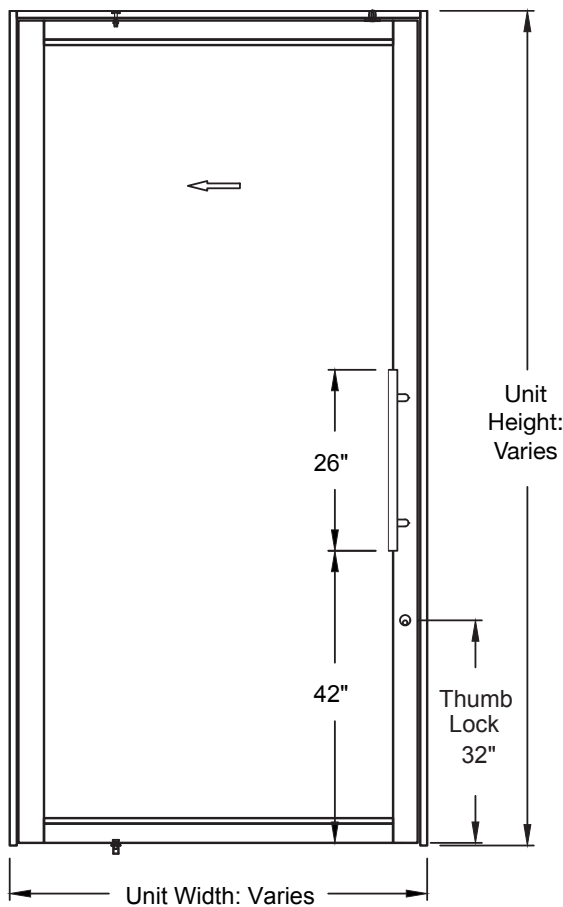
IG/IG Impact



ELEVATION DETAILS



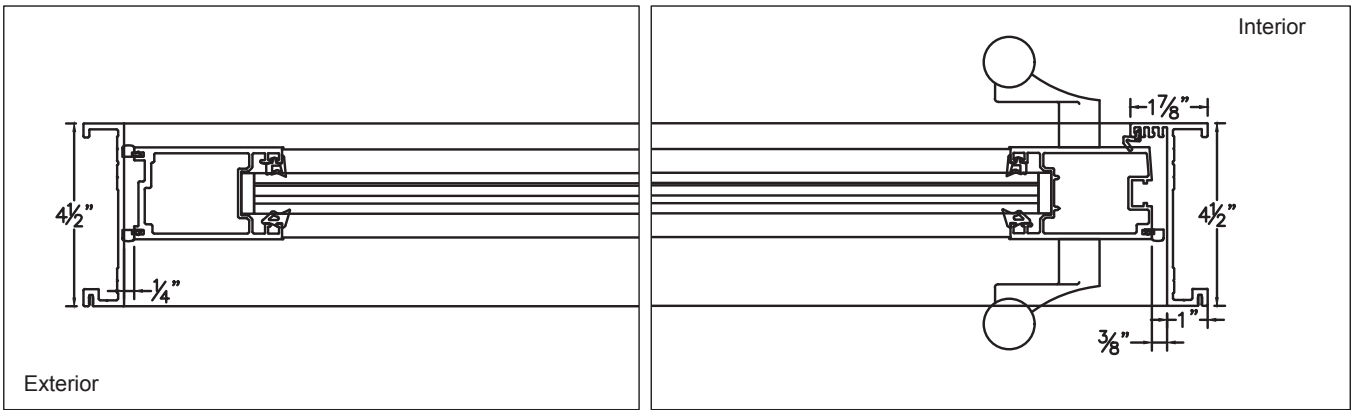
Pivot Configuration Shown



EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION



DESIGN PRESSURE & PIVOT LOCATION CHARTS

WZ3 Design Pressure

Panel Width (Inches)

Panel Height (Inches)		60	64	68	72	76	80	84	88	92	96	100
	72	60	60	60	60	60	57	54.55	52.5	50.77	49.29	48
	78	60	60	60	60	60	56.84	54.03	51.69	49.73	48.07	46.64
	84	60	60	60	60	60	56.84	54	51.43	49.19	47.31	45.71
	90	60	60	60	60	60	56.84	54	51.43	49.09	46.98	45.18
	96	60	60	60	60	60	56.84	54	51.43	49.09	46.96	45
	102	60	60	60	60	60	56.84	54	51.43	49.09	46.96	45
	108	60	60	60	60	60	56.84	54	51.43	49.09	46.96	
	114	60	60	60	60	60	56.84	54	51.43			
	120	60	60	60	60	60	56.84	54				
	126	60	60	60	60	60	56.84					
	132	60	60	60	60	59.87						
	138	60	60	60	60							
	144	60	60	60	58.92							
	150	60	60	60								
	156	60	60									
	162	60	60									
	168	60										

Minimum Pivot Offset from Jamb (Inches)

Panel Width (Inches)

44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
4	4	4	4	4	4	8	11	14	18	21	24	26	29	32

HVHZ Design Pressure Panel Width (Inches)

Panel Height (Inches)		60	64	68	72	76	80	84	88	92	96	100
	72	60	60	60	60	60	57	54.55	52.5	50.77	49.29	48
	78	60	60	60	60	60	56.84	54.03	51.69	49.73	48.07	46.64
	84	60	60	60	60	60	56.84	54	51.43	49.19	47.31	45.71
	90	60	60	60	60	60	56.84	54	51.43	49.09	46.98	45.18
	96	60	60	60	60	60	56.84	54	51.43	49.09	46.96	45
	102	60	60	60	60	60	56.84	54	51.43	49.09	46.96	45
	108	60	60	60	60	60	56.84	54	51.43	49.09	46.96	
	114	60	60	60	60	60	56.84	54	51.43			
	120	60	60	60	60	60	56.84	54				
	126	60	60	60	60	60	56.84					
	132	60	60	60	60	59.87						
	138	60	60	60	60							
	144	60	60	60	60							

Minimum Pivot Offset from Jamb (Inches) Panel Width (Inches)

44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
4	4	4	4	4	4	8	11	14	18	21	24	26	29	32

TEST PERFORMANCE RESULTS

- Approved for use in Miami-Dade HVHZ Zone
- Florida Building Code Approved Product Approval FL 22410
- TAS 201 TAS 202 TAS 203
- Tested for Thermal Requirements
- AAMA / WDMA / CSA 101 / I.S.2 / A440-08 • NAFS-08
- Air Infiltration: A2
- Water Leakage Resistance: 60 DP
- Wind Load Resistance: 60 DP
- Wind Zone 4 (Hurricane) ASTM (cycling) E1996: DP60
- Wind Zone 4 (Hurricane) ASTM (impact) E1886: Pass

NFRC

Descrip.	Product Number	Pane IDs	Pane Thickness	Gap / Fill	Surface / Emissivity	Tint	Grid Type / Size	U-factor	SHGC	VT	CR
6mm 366 - .375 Air - 5mm/090SGP/5mm Clr	001	#1 2157 #2 2067	#1 0.225 #2 0.460	0.375 Air	#2: 0.022	CL	N,G	0.62	N: 0.21 G: 0.19	N: 0.40 G: 0.35	14
6mm 366 - .375 Air - 5mm/090SGP/5mm i89	002	#1 2157 #2 65000	#1 0.225 #2 0.460	0.375 Air	#2: 0.022 #4: 0.149	CL	N,G	0.57	N: 0.20 G: 0.18	N: 0.39 G: 0.34	14
6mm SB70 - .375 Air - 5mm/090SGP/5mm Clr	003	#1 5439 #2 2067	#1 0.223 #2 0.460	0.375 Air	#2: 0.018	CL	N,G	0.62	N: 0.21 G: 0.18	N: 0.41 G: 0.36	14
6mm 340 - .375 Air - 5mm/090SGP/5mm Clr	004	#1 2167 #2 2067	#1 0.225 #2 0.460	0.375 Air	#2: 0.028	GY	N,G	0.62	N: 0.15 G: 0.14	N: 0.24 G: 0.21	14
6mm 340 - .375 Air - 5mm/090SGP/5mm i89	005	#1 2167 #2 65000	#1 0.225 #2 0.460	0.375 Air	#2: 0.028 #4: 0.149	GY	N,G	0.57	N: 0.14 G: 0.13	N: 0.24 G: 0.20	14



EURO-WALL 10 YEAR WARRANTY

Euro-Wall warrants the products to be free from manufacturing defects for a period of 10 years from the date of purchase.

888.989.EURO (3876)

www.euro-wall.com

MANUFACTURING

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euro-wall®

FOLDING | SLIDING | STACKING | PIVOT

SHOWROOM

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Dania Beach, Florida 33004
954.610.2572

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