



Product Selection Guide

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Document Navigation Tips:

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Bookmarks are also included in this PDF document and are available as an additional navigation option.

The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local sales representative for regional availability and up-to-date product information.



Vista Series Premium Aluminum Sliding Patio Doors

Size and Performance Data

	Sliding Patio Door	
	2 Panel	4 Panel
Sizes		
Standard Sizes ₁	S	S
Special Sizes Available Built on 1/8" Increments	O	O
Frames		
Nail Fin - 1-1/16" setback	S	S
Block Frame	O	O
Performance₂		
Meets or Exceeds AAMA/WDMA Ratings	R - PG15 - LC PG40	R - PG20 - LC PG30
Air Infiltration ₄ (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.10 - 0.14 psf	0.12 - 0.22 psf
Design Pressure (psf)	15 - 40 psf	20 - 30 psf
Water Resistance (psf)	2.92 - 6.00 psf	3.13 - 4.59 psf
Forced Entry ₃	10	10
FPAS	FL48021	—

S = Standard; O = Optional; (—) = Not Available

(1) See size charts in this section for available sizes.

(2) Published performance data is for units with Integral Nail Fin. Performance dependent upon using appropriate glazing, sill riser and Interlocker options, contact your local Pella representative for complete information.

(3) The higher the level, the greater the product's ability to resist forced entry.

The presence of low-E or argon have negligible effect on sound attenuation characteristics.

Performance with additional options may not be the same as Standard and Special size units. Please contact your local Pella representative for complete information.



Vista Series Premium Aluminum Sliding Patio Doors

Features and Options

	Sliding Doors		Sliding Doors
Glazing		Interior/Exterior Color	
Glazing Type		6 Standard Anodized Colors ₂	S
Dual-pane insulating glass	S	71 Standard Paint Colors ₃	S
Triple-pane insulating glass	O	Custom Paint Colors ₃	O
Insulated Glass Options / Low-E Types		Grilles	
Advanced Low-E	S	Simulated -Divided-Light Grille Profiles	
NaturalSun Low-E	O	Exterior 7/8" Flat	O
NaturalSun+ Low-E	O	Interior 7/8" Flat	O
SunDefense	O	Grilles-Between-the-Glass	
SunDefense+	O	5/8" Flat	O
SunDefense Laminated	O	11/16" Contoured	O
Insulated Low-E 240	O	Grille Patterns	
Insulated Low-E 340	O	Traditional	O
Triple Insulated Low-E	O	9-Lite Prairie	O
Triple Insulated LE 272 / Clear / LE 272	O	6-Lite Prairie	O
Triple Insulated LE 272 / Clear / LE i89	O	Top Row	O
Advanced Low-E Triple	O	Custom	O
SunDefense Triple	O	Hardware	
ES - SunDefense Triple	O	Flush Style Handle	S
ES - Triple Low-E Insulating Glass	O	Keyed Random or Keyed Alike	O
ES - Triple Insulated LE 272 / Clear / LE 272	O	Hardware Finishes	
ES - Triple Insulated LE 272 / Clear / LE i89	O	Black	S
ES - Advanced Low-E Triple	O	Additional Interior Finishes: Satin Nickel, Rustic Bronze	O
ES - SunDefense+ Triple	O	Screen	
ES - Triple Insulated LE 366 / Clear / LE 180	O	No Screen	O
Additional Glazing Options		BetterVue® Screen cloth	S
Tempered Glass	S		
Laminated	O		
Gas Fill / High Altitude			
Argon	S		
High altitude	O		
Glazing Profile			
Square exterior glazing bead	S		
Beveled	O		
Narrow	O		

S = Standard; O = Optional

(1) Not available with triple-pane glazing.

(2) Anodized Finish is AAMA 611 Class 1.

(3) Standard and Custom Paint are 2605 Classified.



Vista Series Premium Aluminum Sliding Patio Doors

Glazing Performance - Total Unit

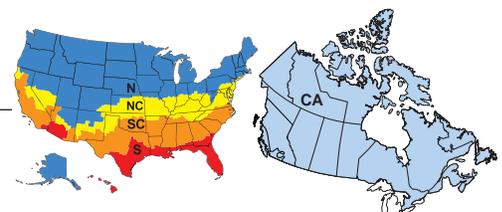
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown				
			U-Factor	SHGC	VLT	CR	U. S.				Canada ₂
							Zone				ER
						N	NC	SC	S	CA	
1" Dual-Pane Insulating glass - No Grilles											
1"	Advanced Low-E	WEA-N-344-00050-00001	0.37	0.31	0.52	52					
1"	Advanced Low-E w/Argon	WEA-N-344-00058-00001	0.34	0.31	0.52	54					
1"	NaturalSun Low-E	WEA-N-344-00053-00001	0.38	0.49	0.58	51					
1"	NaturalSun Low-E w/Argon	WEA-N-344-00061-00001	0.35	0.49	0.58	54					
1"	NaturalSun+ Low-E	WEA-N-344-00054-00001	0.32	0.44	0.56	41					
1"	NaturalSun+ Low-E w/Argon	WEA-N-344-00062-00001	0.30	0.44	0.56	43					
1"	SunDefense Low-E	WEA-N-344-00051-00001	0.37	0.21	0.47	52					
1"	SunDefense Low-E w/Argon	WEA-N-344-00059-00001	0.33	0.21	0.47	55					
1"	SunDefense+ Low-E	WEA-N-344-00052-00001	0.32	0.21	0.46	41					
1"	SunDefense+ Low-E w/Argon	WEA-N-344-00060-00001	0.29	0.21	0.46	44					
1"	SunDefense Lami 0.030	WEA-N-344-00139-00001	0.37	0.21	0.48	53					
1"	SunDefense Lami 0.030 w/Argon	WEA-N-344-00147-00001	0.34	0.21	0.48	56					
1"	SunDefense Lami 0.060	WEA-N-344-00144-00001	0.37	0.21	0.47	55					
1"	SunDefense Lami 0.060 w/Argon	WEA-N-344-00152-00001	0.34	0.21	0.47	55					
1"	Insulated Low-E 240	WEA-N-344-00055-00001	0.37	0.19	0.28	51					
1"	Insulated Low-E 240 w/Argon	WEA-N-344-00063-00001	0.34	0.19	0.28	54					
1"	Insulated Low-E 340	WEA-N-344-00056-00001	0.37	0.15	0.28	52					
1"	Insulated Low-E 340 w/Argon	WEA-N-344-00064-00001	0.34	0.14	0.28	55					
1" Dual-Pane Insulating glass - With Grilles											
1"	Advanced Low-E	WEA-N-344-00050-00002	0.37	0.27	0.46	52					
1"	Advanced Low-E w/Argon	WEA-N-344-00058-00002	0.34	0.27	0.46	54					
1"	NaturalSun Low-E	WEA-N-344-00053-00002	0.38	0.43	0.50	51					
1"	NaturalSun Low-E w/Argon	WEA-N-344-00061-00002	0.35	0.43	0.50	54					
1"	NaturalSun+ Low-E	WEA-N-344-00054-00002	0.32	0.39	0.49	41					
1"	NaturalSun+ Low-E w/Argon	WEA-N-344-00062-00002	0.30	0.39	0.49	43					
1"	SunDefense Low-E	WEA-N-344-00051-00002	0.37	0.19	0.41	52					
1"	SunDefense Low-E w/Argon	WEA-N-344-00059-00002	0.33	0.19	0.41	55					
1"	SunDefense+ Low-E	WEA-N-344-00052-00002	0.32	0.19	0.40	41					
1"	SunDefense+ Low-E w/Argon	WEA-N-344-00060-00002	0.29	0.18	0.40	44					
1"	SunDefense Lami 0.030	WEA-N-344-00139-00002	0.37	0.19	0.42	53					
1"	SunDefense Lami 0.030 w/Argon	WEA-N-344-00147-00002	0.34	0.19	0.42	56					
1"	SunDefense Lami 0.060	WEA-N-344-00144-00002	0.37	0.19	0.41	55					
1"	SunDefense Lami 0.060 w/Argon	WEA-N-344-00152-00002	0.34	0.18	0.41	55					
1"	Insulated Low-E 240	WEA-N-344-00055-00002	0.37	0.17	0.25	51					
1"	Insulated Low-E 240 w/Argon	WEA-N-344-00063-00002	0.34	0.17	0.25	54					
1"	Insulated Low-E 340	WEA-N-344-00056-00002	0.37	0.13	0.25	52					
1"	Insulated Low-E 340 w/Argon	WEA-N-344-00064-00002	0.34	0.13	0.25	55					

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

Visit www.energystar.gov for Energy Star guidelines.





Vista Series Premium Aluminum Sliding Patio Doors

Glazing Performance - Total Unit

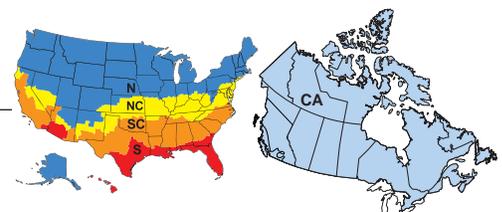
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown				
			U-Factor	SHGC	VLT	CR	U. S.				Canada ²
							Zone				ER
1" Triple-Pane Insulating Glass - No Grilles						N	NC	SC	S		CA
1"	SunDefense Triple	WEA-N-344-00071-00001	0.31	0.20	0.39	56					
1"	SunDefense Triple w/Argon	WEA-N-344-00083-00001	0.27	0.19	0.39	56			SC	S	
1" Triple-Pane Insulating Glass - With Grilles											
1"	ES - SunDefense Triple	WEA-N-344-00072-00001	0.31	0.17	0.34	56					
1"	ES - SunDefense Triple w/Argon	WEA-N-344-00084-00001	0.28	0.17	0.34	56			SC	S	

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

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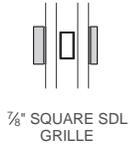




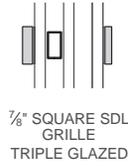
Grilles

Grille Profiles

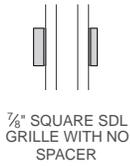
Simulated-Divided-Light Grilles



7/8" SQUARE SDL GRILLE

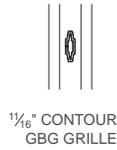


7/8" SQUARE SDL GRILLE TRIPLE GLAZED



7/8" SQUARE SDL GRILLE WITH NO SPACER

Grilles-Between-the-Glass



1/8" CONTOUR GBG GRILLE



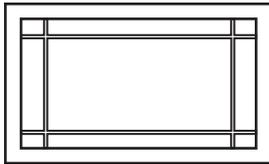
5/8" FLAT GBG GRILLE



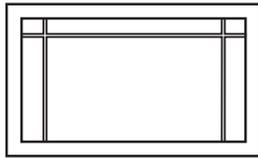
7/8" SQUARE SDL GRILLE TRIPLE GLAZED

Grille Patterns

Prairie Lite Patterns



9-Lite Prairie

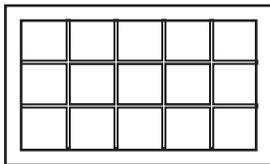


6-Lite Prairie

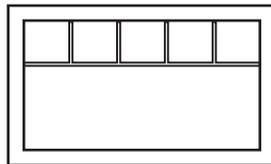
Prairie

- Approximately 4" from edge of sash to center of bar.
- Minimum actual glass is 13".

Other Available Patterns



Traditional



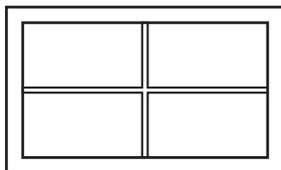
Top Row

Traditional

- Specify number of lites.
- Grilles must be equally divided on visible glass.
- Minimum 6" x 6".

Top Row

- Standard visible glass to separator bar must be $\leq 1/2$ upper actual glass.



Custom



Vista Series Premium Aluminum Sliding Patio Doors

Size Tables

Sliding Patio Doors - (4702) 2 Panel

Jamb Dimension	4'-11 1/4"	5'-11 1/4"	6'-9 1/4"	7'-11 1/4"	8'-11 1/4"	9'-11 1/4"
Rough Opening	5'-0"	6'-0"	6'-10"	8'-0"	9'-0"	10'-0"
Soft Metric R.O. (mm)	1524	1829	2083	2438	2743	3048
Glass Size	24 7/8"	30 7/8"	35 7/8"	42 7/8"	48 7/8"	54 7/8"
6'-7 1/2"						
6'-8"						
2032						
71 1/8"						
6'-9 1/2"						
6'-10"						
2083						
73 1/8"						
7'-1 1/2"						
7'-2"						
2184						
77 1/8"						
7'-11 1/2"						
8'-0"						
2438						
87 1/8"						
8'-1 1/2"						
8'-2"						
2489						
89 1/8"						
8'-11 1/2"						
9'-0"						
2743						
99 1/8"						
9'-11 1/2"						
10'-0"						
3048						
111 1/8"						
10'-11 1/2"						
11'-0"						
3353						
123 1/8"						



Vista Series Premium Aluminum Sliding Patio Doors

Size Tables

Sliding Patio Doors - (4702) 2 Panel

Jamb Dimension	10'-11 1/4"	11'-11 1/4"
Rough Opening	11'-0"	12'-0"
Soft Metric R.O. (mm)	3353	3658
Glass Size	60 7/8"	66 7/8"

6'-7 1/2"	6'-8"	2032	71 1/8"		
6'-9 1/2"	6'-10"	2083	73 1/8"		
7'-1 1/2"	7'-2"	2184	77 1/8"		
7'-11 1/2"	8'-0"	2438	87 1/8"		
8'-1 1/2"	8'-2"	2489	89 1/8"		
8'-11 1/2"	9'-0"	2743	98 1/8"		
9'-11 1/2"	10'-0"	3048	111 1/8"		
10'-11 1/2"	11'-0"	3353	123 1/8"		

NOTE: Two panel units are also available in reverse operation (XO)

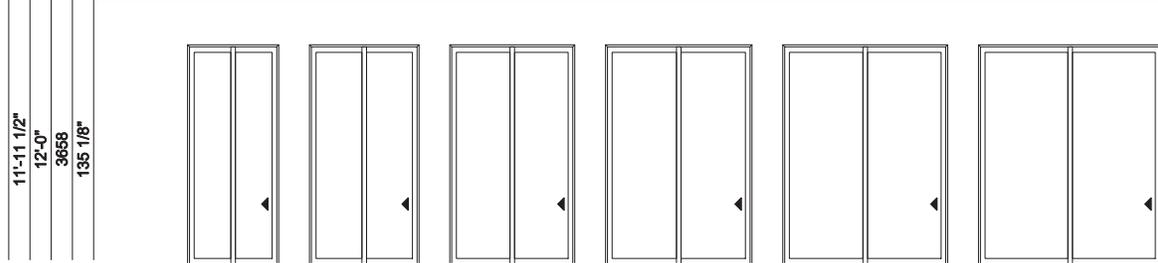


Vista Series Premium Aluminum Sliding Patio Doors

Size Tables

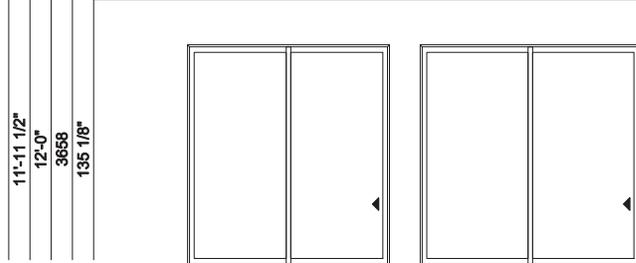
Sliding Patio Doors - (4702) 2 Panel

Jamb Dimension	4'-11 1/4"	5'-11 1/4"	6'-9 1/4"	7'-11 1/4"	8'-11 1/4"	9'-11 1/4"
Rough Opening	5'-0"	6'-0"	6'-10"	8'-0"	9'-0"	10'-0"
Soft Metric R.O. (mm)	1524	1829	2083	2438	2743	3048
Glass Size	24 7/8"	30 7/8"	35 7/8"	42 7/8"	48 7/8"	54 7/8"



Sliding Patio Doors - (4702) 2 Panel

Jamb Dimension	10'-11 1/4"	11'-11 1/4"
Rough Opening	11'-0"	12'-0"
Soft Metric R.O. (mm)	3353	3658
Glass Size	60 7/8"	66 7/8"



NOTE: Two panel units are also available in reverse operation (XO)



Vista Series Premium Aluminum Sliding Patio Doors

Size Tables

Sliding Patio Doors - (4702) 4 Panel

Jamb Dimension	9'-9 1/4"	11'-9 1/4"	13'-5 1/4"	15'-9 1/4"
Rough Opening	9'-10"	11'-10"	13'-6"	15'-10"
Soft Metric R.O. (mm)	2997	3607	4115	4826
Glass Size	25 5/32"	31 5/32"	36 5/32"	43 5/32"

6'-7 1/2"	6'-8"	2032	71 1/8"				
6'-9 1/2"	6'-10"	2083	73 1/8"				
7'-1 1/2"	7'-2"	2184	77 1/8"				
7'-11 1/2"	8'-0"	2438	87 1/8"				
8'-1 1/2"	8'-2"	2489	89 1/8"				
8'-11 1/2"	9'-0"	2743	98 1/8"				
9'-11 1/2"	10'-0"	3048	111 1/8"				
10'-11 1/2"	11'-0"	3353	123 1/8"				



Vista Series Premium Aluminum Sliding Patio Doors

Size Tables

Sliding Patio Doors - (4702) 4 Panel

Jamb Dimension	17'-9 1/4"	19'-9 1/4"
Rough Opening	17'-10"	19'-10"
Soft Metric R.O. (mm)	5436	6045
Glass Size	49 5/32"	55 5/32"

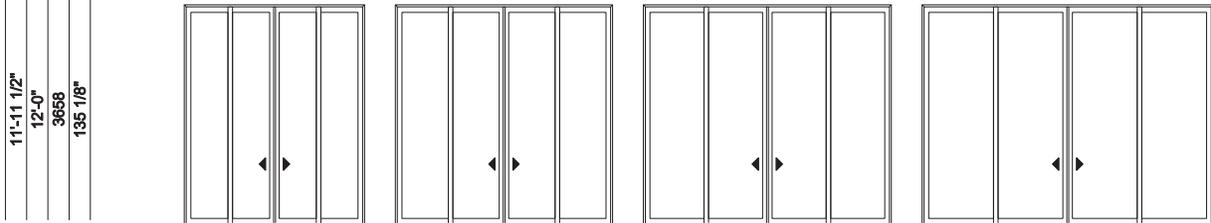
Jamb Dimension	6'-7 1/2"	6'-8"	6'-9 1/2"	6'-10"	7'-1 1/2"	7'-2"	7'-1 1/2"	7'-11 1/2"	8'-0"	8'-1 1/2"	8'-2"	8'-1 1/2"	8'-11 1/2"	9'-0"	9'-1 1/2"	9'-11 1/2"	10'-0"	10'-1 1/2"	10'-11 1/2"	11'-0"	11'-1 1/2"	11'-11 1/2"	123 1/8"
Model	2032	2083	2184	2438	2489	2743	3048	3353															
Width	71 1/8"	73 1/8"	77 1/8"	81 1/8"	89 1/8"	99 1/8"	111 1/8"																



Vista Series Premium Aluminum Sliding Patio Doors

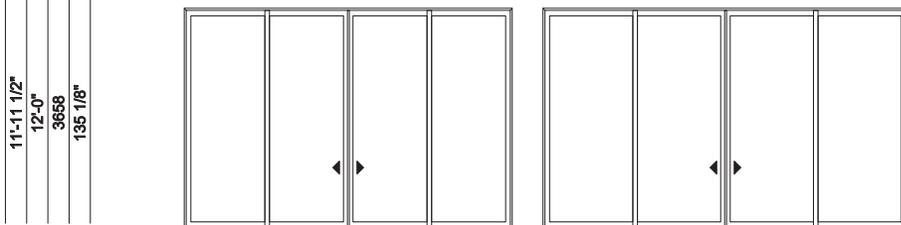
Sliding Patio Doors - (4702) 4 Panel

Jamb Dimension	9'-9 1/4"	11'-9 1/4"	13'-5 1/4"	15'-9 1/4"
Rough Opening	9'-10"	11'-10"	13'-6"	15'-10"
Soft Metric R.O. (mm)	2997	3607	4115	4826
Glass Size	25 5/32"	31 5/32"	36 5/32"	43 5/32"



Sliding Patio Doors - (4702) 4 Panel

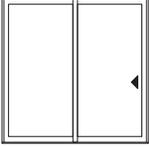
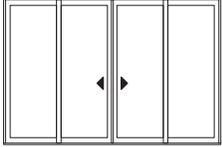
Jamb Dimension	17'-9 1/4"	19'-9 1/4"
Rough Opening	17'-10"	19'-10"
Soft Metric R.O. (mm)	5436	6045
Glass Size	49 5/32"	55 5/32"





Vista Series Premium Aluminum Sliding Patio Doors

Special Size and Dimensions

Type	Example	Frame Dimensions			
		Min. Width	Min. Height	Max. Width	Max. Height
Two-Panel Door		55-1/4" (1 403)	74-1/4" (1 886)	143-1/4" (3 639)	143-1/4" (3 639)
Four-Panel Door		117-1/4" (2 978)	79-1/2" (2 019)	237-1/4" (6 026)	143-1/4" (3 639)



Vista Series Premium Aluminum Sliding Patio Doors

Special Size and Dimensions

Miscellaneous Formulas

	Two-Panel Doors				Four-Panel Doors			
Panel	PH = FH - 2.239				PH = FH - 2.239			
	PW = FW ÷ 2 + 0.216				PW = FW ÷ 4 - 10.274			
Actual Glass	AGH = FH - 8.375				AGH = FH - 8.375			
	AGW = FW ÷ 2 - 4.75				AGW = FW ÷ 4 - 4.156			
Visible Glass	VGH = AGH - 1				VGH = AGH - 1			
	VGW = AGW - 1				VGW = AGW - 1			
Clear Opening Height	1-1/4" Flush Sill	1-1/2" Riser	2" Sill Riser	2-1/2" Sill Riser	1-1/4" Flush Sill	1-1/2" Riser	2" Sill Riser	2-1/2" Sill Riser
	FH - 3.159	FH - 3.409	FH - 3.909	FH - 4.409	FH - 3.159	FH - 3.409	FH - 3.909	FH - 4.409
Clear Opening Width	(FW ÷ 2) - 4.536				(FW ÷ 2) - 10.274			

Dimensions shown in inches.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Vista Series Premium Aluminum Sliding Patio Doors

Design Data

2 Panel Sliding Patio Door (4702)

Call Size	Sq. Ft. Clear Opening		Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^a	
	Flush Sill	2.5" Sill Riser	Width	Height		Flush Sill	2.5" Sill Riser		
				Flush Sill					2.5" Sill Riser
5-0 x 6-8	13.30	13.08	25.09	76.34	75.09	23.25	13.30	13.08	32.71
6-0 x 6-8	16.48	16.21	31.09	76.34	75.09	29.10	16.48	16.21	39.34
6-10 x 6-8	19.13	18.82	36.09	76.34	75.09	33.97	19.13	18.82	44.86
8-0 x 6-8	22.84	22.47	43.09	76.34	75.09	40.78	22.84	22.47	52.59
9-0 x 6-8	26.02	25.60	49.09	76.34	75.09	46.63	26.02	25.60	59.21
10-0 x 6-8	29.21	28.73	55.09	76.34	75.09	52.47	29.21	28.73	65.84
11-0 x 6-8	32.39	31.86	61.09	76.34	75.09	58.32	32.39	31.86	72.46
12-0 x 6-8	35.57	34.98	67.09	76.34	75.09	64.16	35.57	34.98	79.09
5-0 x 6-10	13.65	13.43	25.09	78.34	77.09	23.92	13.65	13.43	33.53
6-0 x 6-10	16.91	16.64	31.09	78.34	77.09	29.93	16.91	16.64	40.33
6-10 x 6-10	19.63	19.32	36.09	78.34	77.09	34.94	19.63	19.32	45.99
8-0 x 6-10	23.44	23.07	43.09	78.34	77.09	41.95	23.44	23.07	53.91
9-0 x 6-10	26.71	26.28	49.09	78.34	77.09	47.96	26.71	26.28	60.70
10-0 x 6-10	29.97	29.49	55.09	78.34	77.09	53.97	29.97	29.49	67.49
11-0 x 6-10	33.23	32.70	61.09	78.34	77.09	59.98	33.23	32.70	74.28
12-0 x 6-10	36.50	35.92	67.09	78.34	77.09	65.99	36.50	35.92	81.08
5-0 x 7-2	14.35	14.13	25.09	82.34	81.09	25.24	14.35	14.13	35.18
6-0 x 7-2	17.78	17.51	31.09	82.34	81.09	31.59	17.78	17.51	42.30
6-10 x 7-2	20.64	20.32	36.09	82.34	81.09	36.87	20.64	20.32	48.24
8-0 x 7-2	24.64	24.26	43.09	82.34	81.09	44.27	24.64	24.26	56.55
9-0 x 7-2	28.07	27.64	49.09	82.34	81.09	50.62	28.07	27.64	63.68
10-0 x 7-2	31.50	31.02	55.09	82.34	81.09	56.96	31.50	31.02	70.80
11-0 x 7-2	34.93	34.40	61.09	82.34	81.09	63.31	34.93	34.40	77.93
12-0 x 7-2	38.36	37.78	67.09	82.34	81.09	69.65	38.36	37.78	85.05
5-0 x 8-0	16.09	15.87	25.09	92.34	91.09	28.56	16.09	15.87	39.29
6-0 x 8-0	19.94	19.67	31.09	92.34	91.09	35.74	19.94	19.67	47.25
6-10 x 8-0	23.14	22.83	36.09	92.34	91.09	41.72	23.14	22.83	53.88
8-0 x 8-0	27.63	27.26	43.09	92.34	91.09	50.09	27.63	27.26	63.17
9-0 x 8-0	31.48	31.05	49.09	92.34	91.09	57.27	31.48	31.05	71.13
10-0 x 8-0	35.33	34.85	55.09	92.34	91.09	64.44	35.33	34.85	79.09
11-0 x 8-0	39.17	38.64	61.09	92.34	91.09	71.62	39.17	38.64	87.04
12-0 x 8-0	43.02	42.44	67.09	92.34	91.09	78.80	43.02	42.44	95.00
5-0 x 8-2	16.44	16.22	25.09	94.34	93.09	29.22	16.44	16.22	40.12
6-0 x 8-2	20.37	20.10	31.09	94.34	93.09	36.57	20.37	20.10	48.24
6-10 x 8-2	23.64	23.33	36.09	94.34	93.09	42.69	23.64	23.33	55.01
8-0 x 8-2	28.23	27.86	43.09	94.34	93.09	51.25	28.23	27.86	64.49
9-0 x 8-2	32.16	31.73	49.09	94.34	93.09	58.60	32.16	31.73	72.62
10-0 x 8-2	36.09	35.61	55.09	94.34	93.09	65.94	36.09	35.61	80.74
11-0 x 8-2	40.02	39.49	61.09	94.34	93.09	73.28	40.02	39.49	88.87
12-0 x 8-2	43.95	43.37	67.09	94.34	93.09	80.63	43.95	43.37	96.99

(a) Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

(-) = Not Available

To convert areas to square meters (m²), multiply square feet by 0.0929.



Vista Series Premium Aluminum Sliding Patio Doors

Design Data

2 Panel Sliding Patio Door (4702)

Call Size	Sq. Ft. Clear Opening		Clear Opening			Sq. Ft. Daylight Opening	Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^a
	Flush Sill	2.5" Sill Riser	Width	Height			Flush Sill	2.5" Sill Riser	
				Flush Sill	2.5" Sill Riser				
5-0 x 9-0	18.18	17.96	25.09	104.34	103.09	32.54	18.18	17.96	44.23
6-0 x 9-0	22.53	22.26	31.09	104.34	103.09	40.72	22.53	22.26	53.19
6-10 x 9-0	26.15	25.84	36.09	104.34	103.09	47.53	26.15	25.84	60.66
8-0 x 9-0	31.22	30.85	43.09	104.34	103.09	57.07	31.22	30.85	71.11
9-0 x 9-0	35.57	35.14	49.09	104.34	103.09	65.25	35.57	35.14	80.07
10-0 x 9-0	39.92	39.44	55.09	104.34	103.09	73.42	39.92	39.44	89.02
11-0 x 9-0	44.26	43.73	61.09	104.34	103.09	81.60	44.26	43.73	97.98
12-0 x 9-0	48.61	48.03	67.09	104.34	103.09	89.78	48.61	48.03	106.94
5-0 x 10-0	20.27	20.05	25.09	116.34	115.09	36.52	20.27	20.05	49.17
6-0 x 10-0	25.12	24.85	31.09	116.34	115.09	45.69	25.12	24.85	59.13
6-10 x 10-0	29.16	28.84	36.09	116.34	115.09	53.34	29.16	28.84	67.43
8-0 x 10-0	34.81	34.44	43.09	116.34	115.09	64.05	34.81	34.44	79.04
9-0 x 10-0	39.66	39.23	49.09	116.34	115.09	73.23	39.66	39.23	89.00
10-0 x 10-0	44.51	44.03	55.09	116.34	115.09	82.40	44.51	44.03	98.96
11-0 x 10-0	49.36	48.82	61.09	116.34	115.09	91.58	49.36	48.82	108.92
12-0 x 10-0	54.20	53.62	67.09	116.34	115.09	100.76	54.20	53.62	118.88
5-0 x 11-0	22.36	22.14	25.09	128.34	127.09	40.50	22.36	22.14	54.11
6-0 x 11-0	27.71	27.44	31.09	128.34	127.09	50.67	27.71	27.44	65.07
6-10 x 11-0	32.16	31.85	36.09	128.34	127.09	59.15	32.16	31.85	74.20
8-0 x 11-0	38.40	38.03	43.09	128.34	127.09	71.03	38.40	38.03	86.98
9-0 x 11-0	43.75	43.32	49.09	128.34	127.09	81.20	43.75	43.32	97.94
10-0 x 11-0	49.10	48.62	55.09	128.34	127.09	91.38	49.10	48.62	108.90
11-0 x 11-0	54.45	53.92	61.09	128.34	127.09	101.56	54.45	53.92	119.86
12-0 x 11-0	59.79	59.21	67.09	128.34	127.09	111.74	59.79	59.21	130.82
5-0 x 12-0	24.45	24.23	25.09	140.34	139.09	44.48	24.45	24.23	59.04
6-0 x 12-0	30.30	30.03	31.09	140.34	139.09	55.65	30.30	30.03	71.00
6-10 x 12-0	35.17	34.86	36.09	140.34	139.09	64.97	35.17	34.86	80.97
8-0 x 12-0	41.99	41.62	43.09	140.34	139.09	78.01	41.99	41.62	94.92
9-0 x 12-0	47.84	47.42	49.09	140.34	139.09	89.18	47.84	47.42	106.88
10-0 x 12-0	53.69	53.21	55.09	140.34	139.09	100.36	53.69	53.21	118.84
11-0 x 12-0	59.54	59.01	61.09	140.34	139.09	111.54	59.54	59.01	130.79
12-0 x 12-0	65.38	64.80	67.09	140.34	139.09	122.72	65.38	64.80	142.75

(a) Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

(-) = Not Available

To convert areas to square meters (m²), multiply square feet by 0.0929.



Vista Series Premium Aluminum Sliding Patio Doors

Design Data

4 Panel Sliding Patio Door (4702)

Call Size			Sq. Ft. Clear Opening		Clear Opening			Sq. Ft. Daylight Opening	Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^a
			Flush Sill	2.5" Sill Riser	Width	Height			Flush Sill	2.5" Sill Riser	
						Flush Sill	2.5" Sill Riser				
9-10	x	6-8	25.63	25.21	48.35	76.34	75.09	47.05	25.63	25.21	64.73
11-10	x	6-8	31.99	31.47	60.35	76.34	75.09	58.74	31.99	31.47	77.98
13-6	x	6-8	37.30	36.69	70.35	76.34	75.09	68.48	37.30	36.69	89.02
15-10	x	6-8	44.72	43.99	84.35	76.34	75.09	82.12	44.72	43.99	104.48
17-10	x	6-8	51.08	50.24	96.35	76.34	75.09	93.80	51.08	50.24	117.73
19-10	x	6-8	57.44	56.50	108.35	76.34	75.09	105.49	57.44	56.50	130.98
9-10	x	6-10	26.30	25.88	48.35	78.34	77.09	48.40	26.30	25.88	66.36
11-10	x	6-10	32.83	32.31	60.35	78.34	77.09	60.42	32.83	32.31	79.94
13-6	x	6-10	38.27	37.66	70.35	78.34	77.09	70.44	38.27	37.66	91.26
15-10	x	6-10	45.89	45.16	84.35	78.34	77.09	84.46	45.89	45.16	107.11
17-10	x	6-10	52.42	51.58	96.35	78.34	77.09	96.48	52.42	51.58	120.69
19-10	x	6-10	58.95	58.01	108.35	78.34	77.09	108.50	58.95	58.01	134.28
9-10	x	7-2	27.65	27.23	48.35	82.34	81.09	51.08	27.65	27.23	69.62
11-10	x	7-2	34.51	33.99	60.35	82.34	81.09	63.77	34.51	33.99	83.87
13-6	x	7-2	40.23	39.62	70.35	82.34	81.09	74.34	40.23	39.62	95.74
15-10	x	7-2	48.23	47.50	84.35	82.34	81.09	89.14	48.23	47.50	112.37
17-10	x	7-2	55.09	54.26	96.35	82.34	81.09	101.83	55.09	54.26	126.62
19-10	x	7-2	61.96	61.02	108.35	82.34	81.09	114.52	61.96	61.02	140.87
9-10	x	8-0	31.01	30.59	48.35	92.34	91.09	57.79	31.01	30.59	77.76
11-10	x	8-0	38.70	38.18	60.35	92.34	91.09	72.15	38.70	38.18	93.68
13-6	x	8-0	45.11	44.50	70.35	92.34	91.09	84.11	45.11	44.50	106.94
15-10	x	8-0	54.09	53.36	84.35	92.34	91.09	100.85	54.09	53.36	125.51
17-10	x	8-0	61.79	60.95	96.35	92.34	91.09	115.21	61.79	60.95	141.43
19-10	x	8-0	69.48	68.54	108.35	92.34	91.09	129.56	69.48	68.54	157.34
9-10	x	8-2	31.68	31.26	48.35	94.34	93.09	59.13	31.68	31.26	79.39
11-10	x	8-2	39.54	39.01	60.35	94.34	93.09	73.82	39.54	39.01	95.64
13-6	x	8-2	46.09	45.48	70.35	94.34	93.09	86.06	46.09	45.48	109.18
15-10	x	8-2	55.26	54.53	84.35	94.34	93.09	103.20	55.26	54.53	128.14
17-10	x	8-2	63.12	62.29	96.35	94.34	93.09	117.88	63.12	62.29	144.39
19-10	x	8-2	70.99	70.05	108.35	94.34	93.09	132.57	70.99	70.05	160.64
9-10	x	9-0	35.03	34.61	48.35	104.34	103.09	65.84	35.03	34.61	87.53
11-10	x	9-0	43.73	43.21	60.35	104.34	103.09	82.20	43.73	43.21	105.45
13-6	x	9-0	50.98	50.36	70.35	104.34	103.09	95.83	50.98	50.36	120.38
15-10	x	9-0	61.12	60.39	84.35	104.34	103.09	114.91	61.12	60.39	141.28
17-10	x	9-0	69.81	68.98	96.35	104.34	103.09	131.26	69.81	68.98	159.20
19-10	x	9-0	78.51	77.57	108.35	104.34	103.09	147.61	78.51	77.57	177.11

(a) Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

(-) = Not Available

To convert areas to square meters (m²), multiply square feet by 0.0929.



Vista Series Premium Aluminum Sliding Patio Doors

Design Data

4 Panel Sliding Patio Door (4702)

Call Size			Sq. Ft. Clear Opening		Clear Opening			Sq. Ft. Daylight Opening	Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^a
			Flush Sill	2.5" Sill Riser	Width	Height			Flush Sill	2.5" Sill Riser	
						Flush Sill	2.5" Sill Riser				
9-10	x	10-0	39.06	38.64	48.35	116.34	115.09	73.90	39.06	38.64	97.30
11-10	x	10-0	48.76	48.24	60.35	116.34	115.09	92.25	48.76	48.24	117.22
13-6	x	10-0	56.84	56.23	70.35	116.34	115.09	107.54	56.84	56.23	133.82
15-10	x	10-0	68.15	67.42	84.35	116.34	115.09	128.96	68.15	67.42	157.05
17-10	x	10-0	77.84	77.01	96.35	116.34	115.09	147.31	77.84	77.01	176.97
19-10	x	10-0	87.54	86.60	108.35	116.34	115.09	165.67	87.54	86.60	196.88
9-10	x	11-0	43.09	42.67	48.35	128.34	127.09	81.95	43.09	42.67	107.07
11-10	x	11-0	53.79	53.26	60.35	128.34	127.09	102.30	53.79	53.26	128.99
13-6	x	11-0	62.70	62.09	70.35	128.34	127.09	119.26	62.70	62.09	147.25
15-10	x	11-0	75.18	74.45	84.35	128.34	127.09	143.01	75.18	74.45	172.82
17-10	x	11-0	85.87	85.04	96.35	128.34	127.09	163.36	85.87	85.04	194.74
19-10	x	11-0	96.57	95.63	108.35	128.34	127.09	183.72	96.57	95.63	216.66
9-10	x	12-0	47.12	46.70	48.35	140.34	139.09	90.00	47.12	46.70	116.84
11-10	x	12-0	58.82	58.29	60.35	140.34	139.09	112.35	58.82	58.29	140.76
13-6	x	12-0	68.56	67.95	70.35	140.34	139.09	130.98	68.56	67.95	160.69
15-10	x	12-0	82.21	81.48	84.35	140.34	139.09	157.06	82.21	81.48	188.59
17-10	x	12-0	93.90	93.07	96.35	140.34	139.09	179.42	93.90	93.07	212.51
19-10	x	12-0	105.60	104.66	108.35	140.34	139.09	201.77	105.60	104.66	236.43

(a) Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

(-) = Not Available

To convert areas to square meters (m²), multiply square feet by 0.0929.



Vista Series Premium Aluminum Sliding Patio Doors

Detailed Product Description

Frame

- Thermally broken extruded aluminum [with integral Nail Fin with 1 inch setback] [Block frame].
- Corners are mitered and mechanically fastened with corner keys.
- Overall frame depth is 4-1/4" (108 mm) for a wall depth of 3-3/16" (81 mm).
- Sill option [Flush (1-1/4") [1-1/2" Sill Riser] [2" Sill Riser] [2-1/2" Sill Riser]

Panel

- Thermally broken extruded aluminum.
- Corners are mitered and mechanically fastened with corner keys.
- Panel thickness is 1-9/16" (39 mm).
- Sash exterior glazing profile is [Square] [Beveled] [Narrow].
- Contains sealed insulating glass.
- Includes sealed quad rollers.

Weatherstripping

- Dual weatherstripping.
- Flexible vinyl weatherstrip between frame and sash with two points of contact at rails and stiles.

Glazing System

- Quality float glass complying with ASTM C 1036.
- Silicone-glazed dual-pane 1" insulating glass [[annealed] [tempered]], [[Advanced] [SunDefense™] [SunDefense+] [NaturalSun] [NaturalSun+] [SunDefense Laminated] [Low-E 240] [Low-E 340] [with argon]].
-or-
- Silicone-glazed triple-pane 1" insulating glass [[Triple Insulated] [Triple Insulated LE 272 / Clear / LE 272] [Triple Insulated LE 272 / Clear / LE i89] [LE 366 / Clear / LE 180] [Advanced Low-E Triple] [SunDefense Triple] [with Argon]].
-or-
- Silicone-glazed triple-pane 1-9/16" insulating glass [[ES - Triple Insulated] [ES - Triple Insulated LE 272 / Clear / LE 272] [ES - Triple Insulated LE 272 / Clear / LE i89] [ES - Advanced Low-E Triple] [ES - SunDefense+ Triple] [ES - Triple Insulated LE 366 / Clear / LE180] [ES - SunDefense Triple Low-E] [with Argon]].

Exterior

- Aluminum exterior finish shall be:
 - Electrolytic two-step anodized coating, meets AAMA 611 Class 1 standard. ₂
 - Color is [standard] [custom].₂
- or -
 - Fluoropolymer-modified acrylic topcoat over fluoropolymer primer, meets AAMA 2605 requirements.
 - Color is [standard] [custom].₂

Interior

- Aluminum Interior finish shall be:
 - Electrolytic two-step anodized coating [standard] [custom] meets AAMA 611 Class 1 standard.₂
- or -
 - Fluoropolymer-modified acrylic topcoat over fluoropolymer primer, meets AAMA 2605 requirements.
 - Color is [standard] [custom].₂

Hardware

- 2-point lock system with [No keyed lock] [Random Keyed locks] [Keyed alike locks].
- Flush Style operating handle with [baked enamel [Matte Black]] [Satin Nickel] [Rustic Bronze] hardware finish.

Optional Products

Grilles

- Simulated Divided Lite grilles
 - Interior grilles are [7/8" (29 mm)] square profile that are extruded aluminum factory finished to match sash color ₂.
 - Exterior grilles are [7/8" (29 mm)] square profile that are extruded aluminum factory finished to match sash color ₂.
 - Patterns are [Traditional] [Prairie] [Top Row] [Custom].
 - Grilles are adhered to both sides of the insulating glass with double-coated acrylic foam tape.
- Grilles-Between-the-Glass
 - Insulating glass contains [5/8" flat] [11/16" contoured] aluminum grilles permanently installed between two panes of glass.
 - Grille patterns are [Traditional] [Prairie] [Top Row] [Custom].
 - Grilles are factory pre-finished paint. ₂

Screen

- Flexible screen consisting of steel channel frames with exterior grade high performance PVC coating.
- Mesh is BetterVue® high-visibility vinyl-coated fiberglass.
- Fitted to exterior of unit frame, supplied complete with rollers and all necessary hardware.

(1) Low-E coated insulating glass is argon-filled (except high altitude). All other insulating glass (including high altitude Low-E) is air-filled.

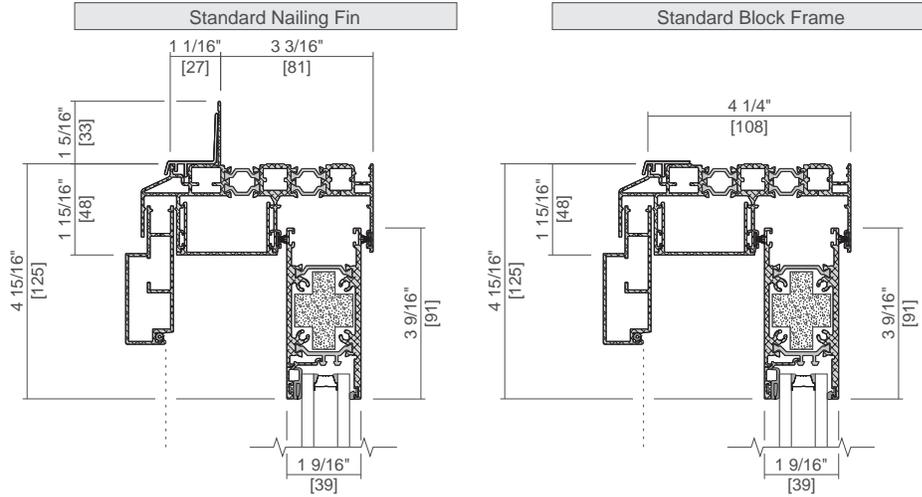
(2) Contact your local Pella sales representative for current designs and color options.



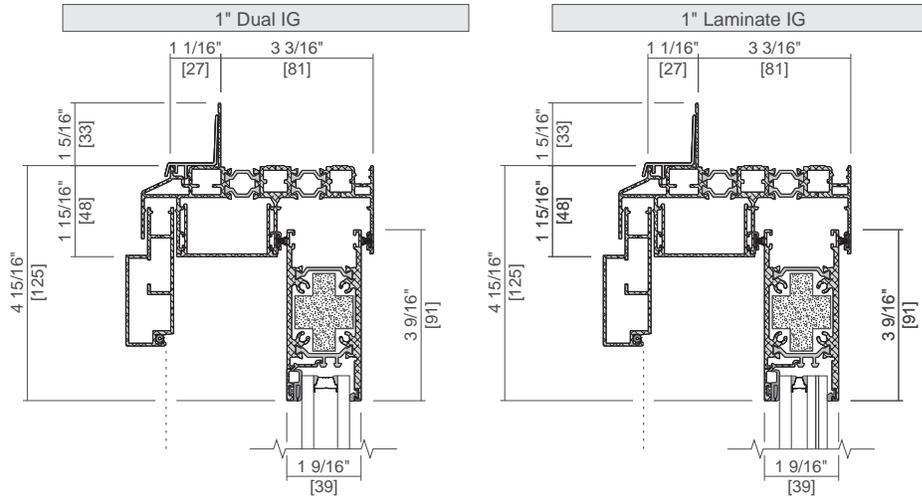
Vista Series Premium Aluminum Sliding Patio Doors

Unit Sections - Frame Types Overview

NARROW STILE



GLAZING OPTIONS



Scale 3" = 1' 0"

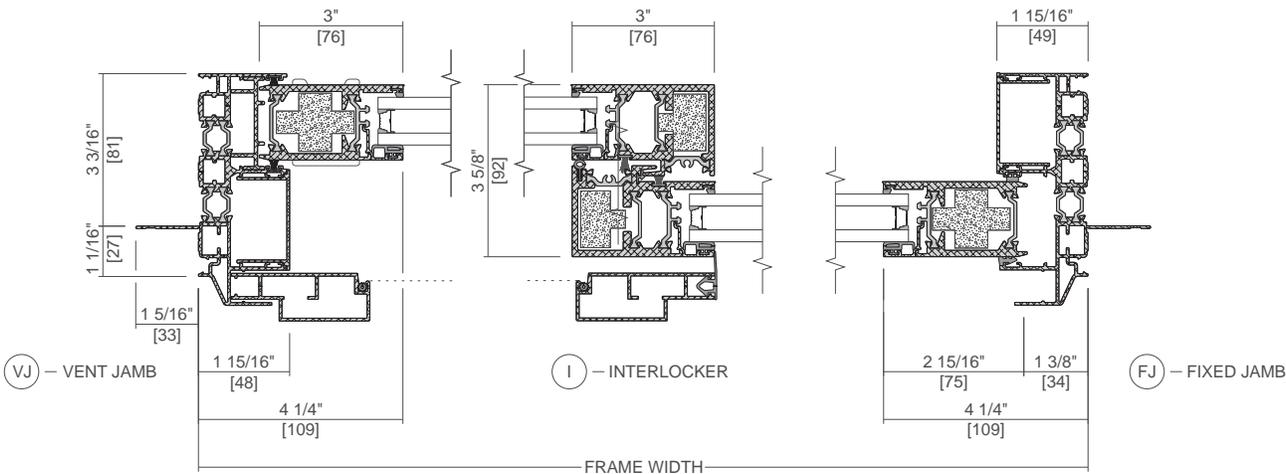
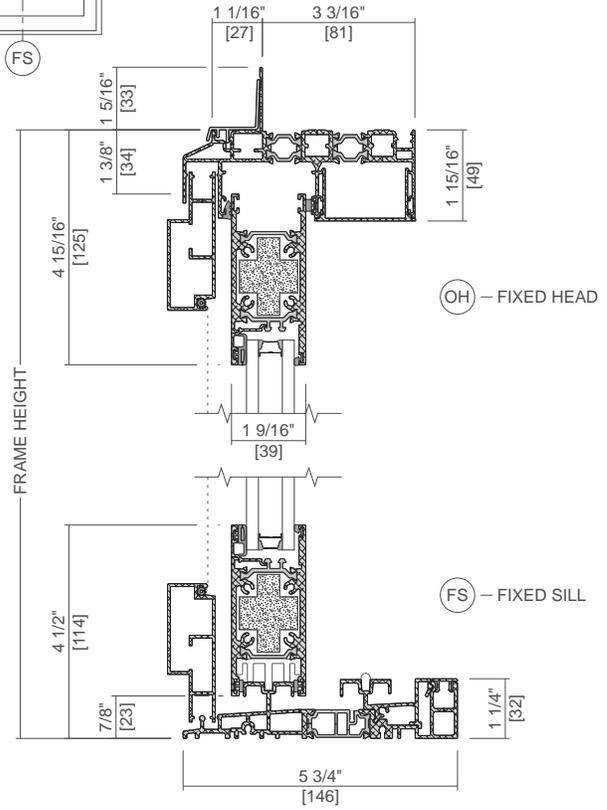
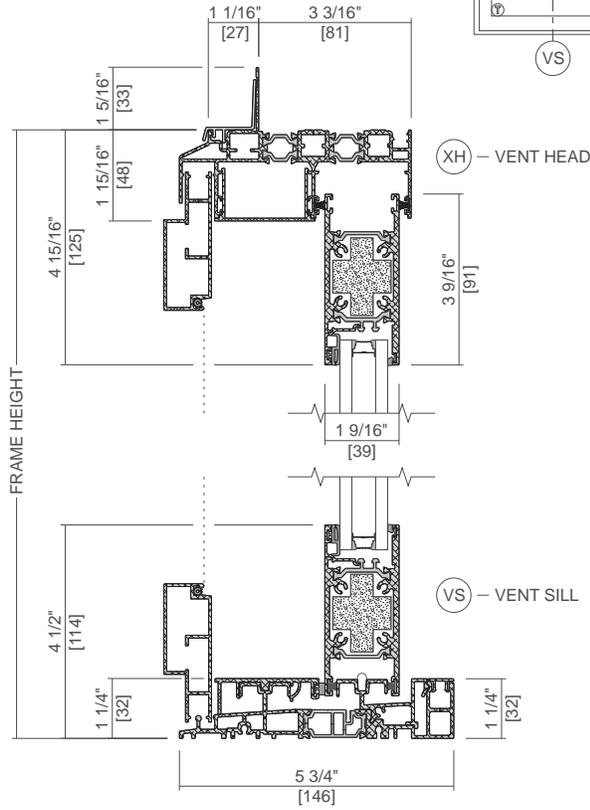
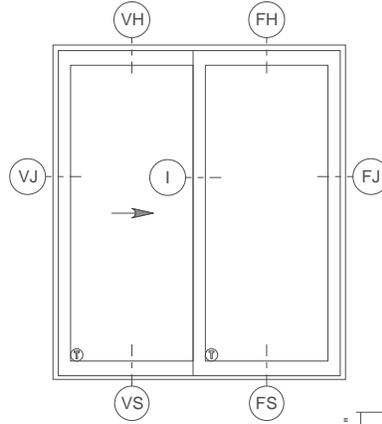
All dimensions are approximate.



Vista Series Premium Aluminum Sliding Patio Doors

Unit Sections

STANDARD NAILING FIN
1" DUAL GLAZING



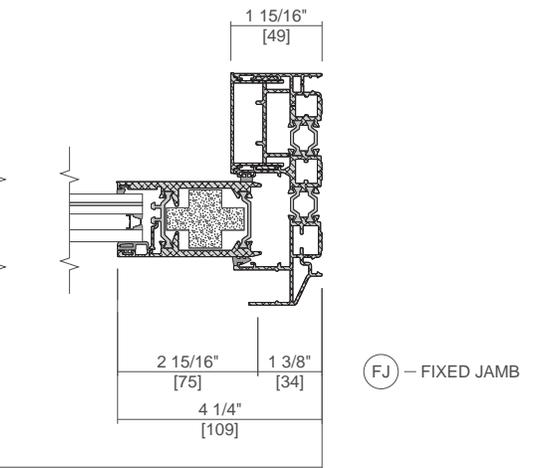
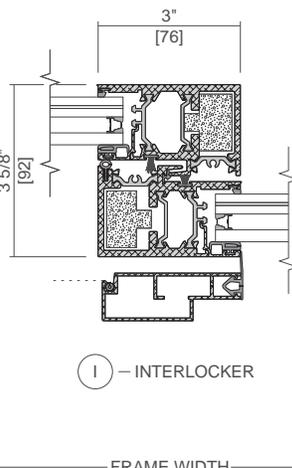
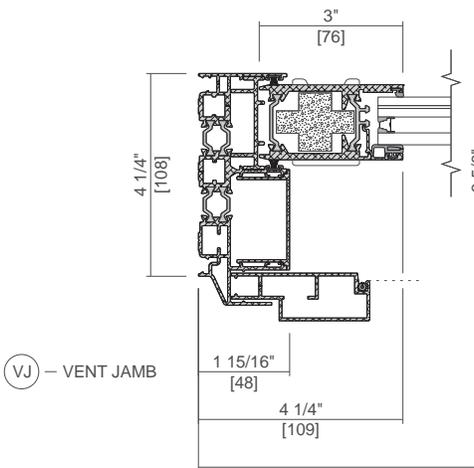
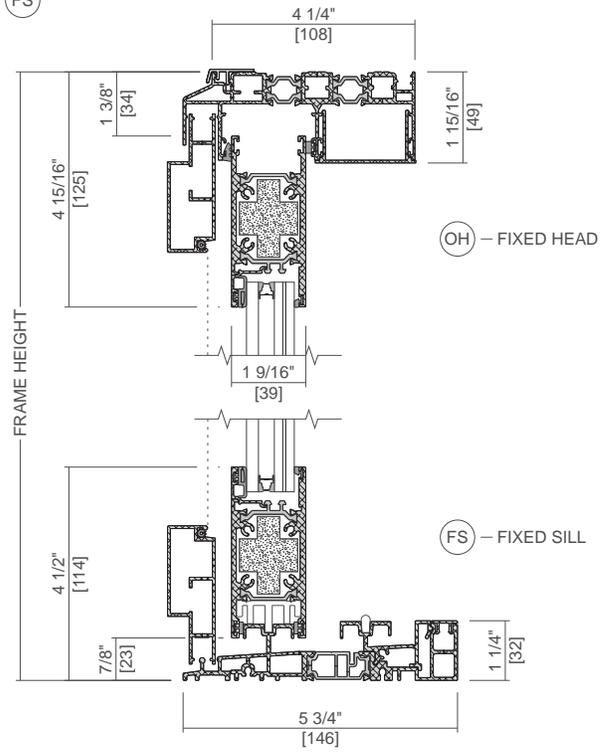
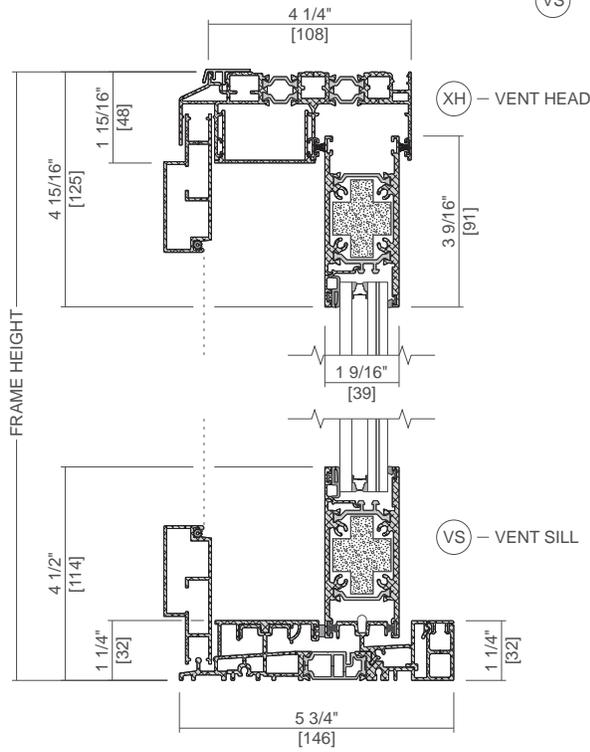
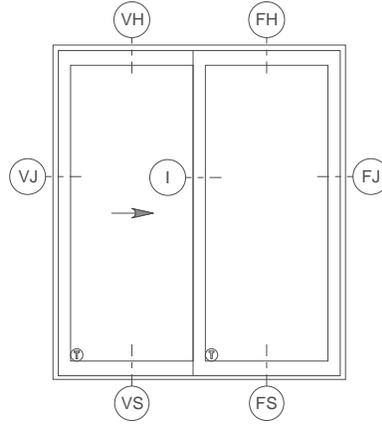
Scale 3" = 1' 0"
All dimensions are approximate.



Vista Series Premium Aluminum Sliding Patio Doors

Unit Sections

STANDARD BLOCK FRAME
1" LAMINATE GLAZING

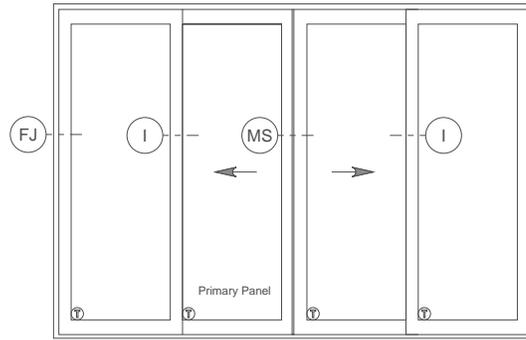


Scale 3" = 1' 0"
All dimensions are approximate.

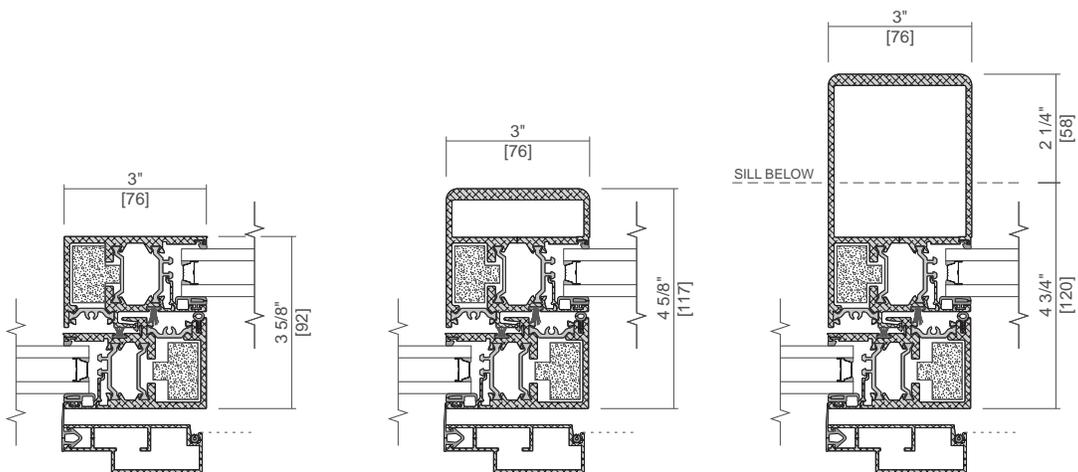
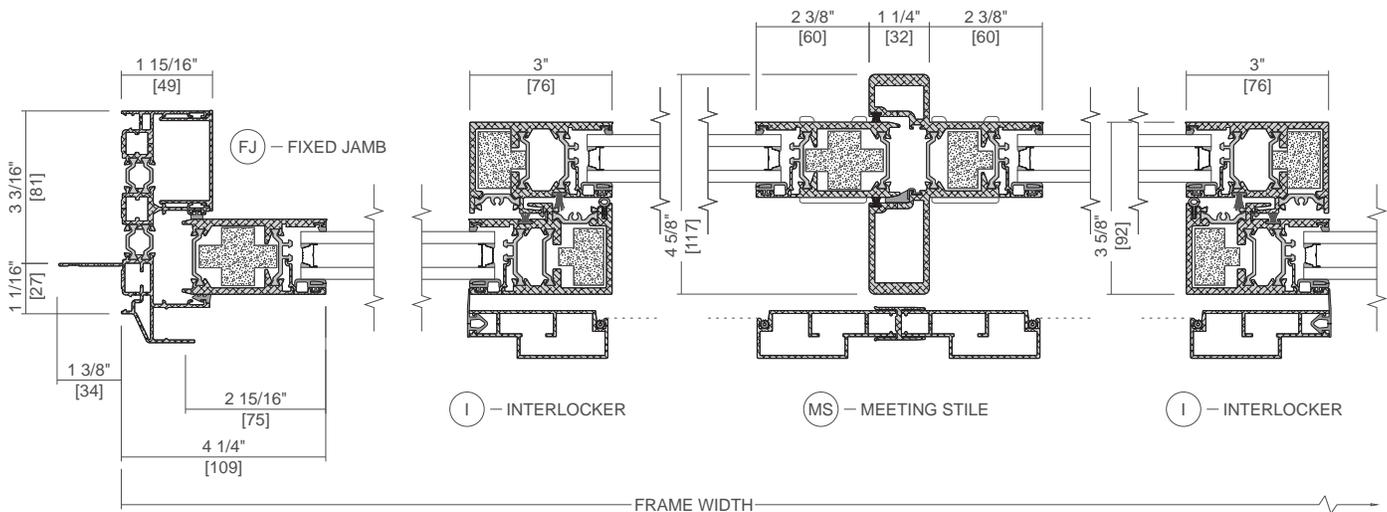


Vista Series Premium Aluminum Sliding Patio Doors

Unit Sections



FOUR PANEL WITH MEETING STILE



I – INTERLOCKER
FOR USE ON UNITS THAT HAVE AN R.O. HEIGHT OF 96" OR LESS

II – INTERMEDIATE INTERLOCKER
FOR USE ON UNITS THAT HAVE AN R.O. HEIGHT GREATER THAN 96" AND LESS THAN 120"

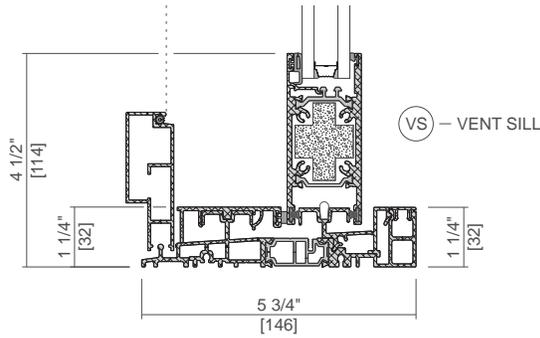
HI – HIGH PERFORMANCE INTERLOCKER
FOR USE ON UNITS THAT HAVE AN R.O. HEIGHT 120" OR GREATER

Scale 3" = 1' 0"
All dimensions are approximate.

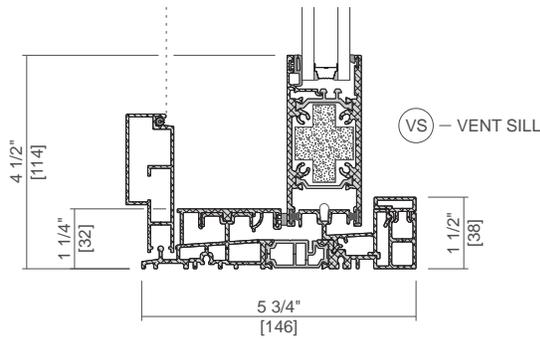


Vista Series Premium Aluminum Sliding Patio Doors

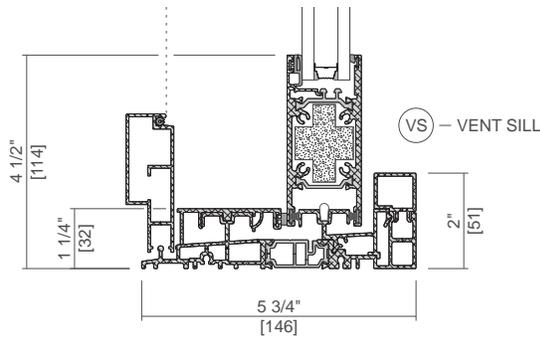
Unit Sections - Sill Options



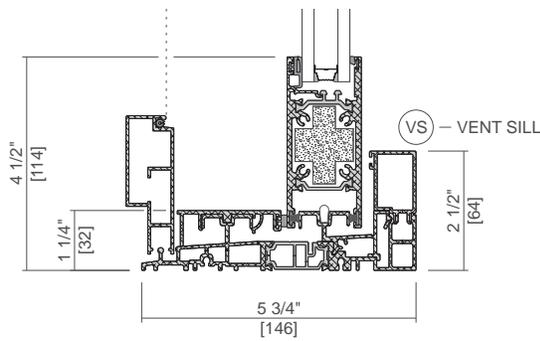
SLIDING PATIO DOOR
STANDARD 1-1/4" SILL



SLIDING PATIO DOOR SILL
WITH 1-1/2" SILL RISER



SLIDING PATIO DOOR SILL
WITH 2" SILL RISER



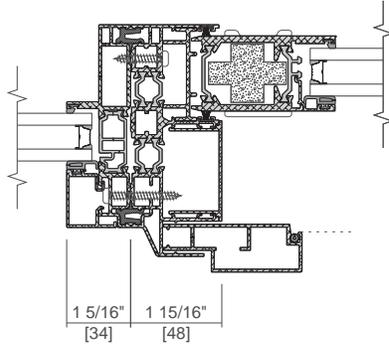
SLIDING PATIO DOOR SILL
WITH 2-1/2" SILL RISER

Scale 3" = 1' 0"
All dimensions are approximate.

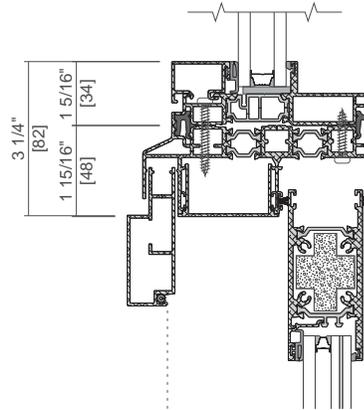


Unit Sections - Mullions

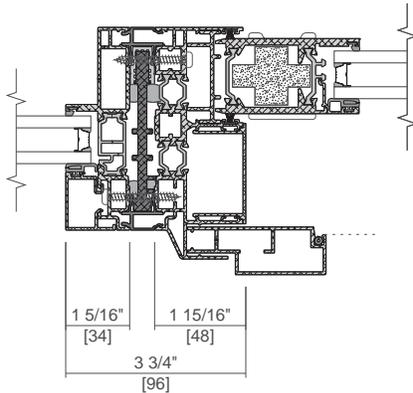
MULLIONS



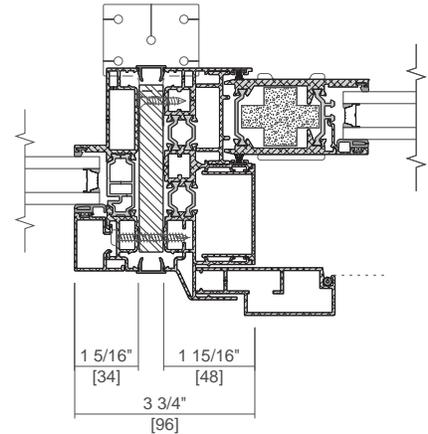
TIGHT MULLION



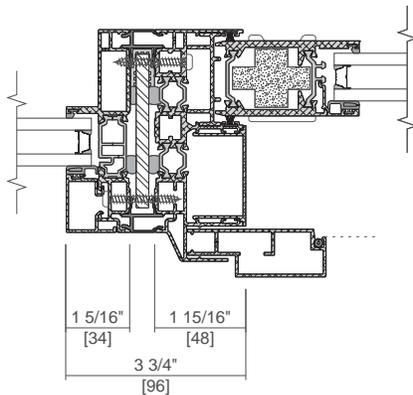
TIGHT MULLION



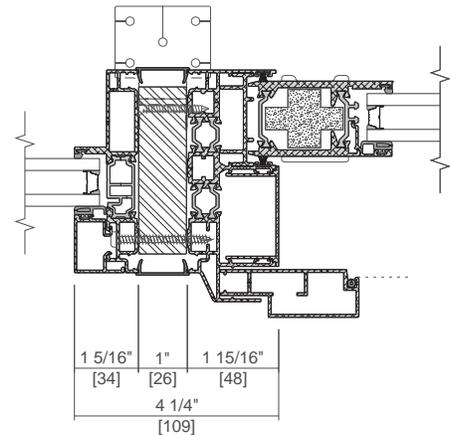
REINFORCED 1/2" ALUMINUM MULLION



ANCHORED 1/2" STEEL REINFORCEMENT MULLION



REINFORCED 1/2" STEEL MULLION



ANCHORED 1" STEEL REINFORCEMENT MULLION

Scale 3" = 1' 0"
All dimensions are approximate.