



Product Selection Guide

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The Pella logo on each page is a link back to this table of contents.

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 Casement Windows

Size and Performance Data

Casement Window	
Sizes	
Standard Sizes ₁	S
Special Sizes Available Built on 1/8" Increments	O
Frames	
Integral Nail Fin - 1-1/16" setback for 3-3/16" Wall Depth	S
Block Frame	O
Performance₂	
Meets or Exceeds AAMA/WDMA Ratings	R-PG35 - LC-PG50
Air Infiltration ₄ (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.01 - 0.02 psf
Design Pressure (psf)	30 - 50 psf
Water Resistance (psf)	5.25 - 7.50 psf
Forced Entry ₃	10
FPAS	48016

Sound Transmission Class and Outdoor-Indoor Transmission Class

Frame Size Tested	Glazing System				STC Rating	OITC Rating
	Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness		
Casement – Dual-Pane Insulating Glass						
36" x 83"	1"	6mm	6mm	–	27	24
	1"	4mm	6mm (Laminated)	–	31	27
	1"	3mm	6mm	–	30	26

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

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

(2) Published performance data is for single units with Integral Nail Fin only.

(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 Casement Windows

Features and Options

	Casement Window		Casement Window
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" Beveled or 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	Nested Crank Handle	S
ES - Triple Low-E Insulating Glass	O	Concealed Locking System	S
ES - Triple Insulated LE 272 / Clear / LE 272	O	T-Handle	O
ES - Triple Insulated LE 272 / Clear / LE i89	O	Seacoast Hardware	O
ES - Advanced Low-E Triple	O	Window Opening Control Device	O
ES - SunDefense+ Triple	O	Hardware Finishes	
ES - Triple Insulated LE 366 / Clear / LE 180	O	Black	S
Additional Glazing Options		Additional Interior Finishes: Brushed Nickel, Rustic Bronze, White	
Tempered Glass	O		
Laminated	O		
Gas Fill / High Altitude		Screen	
Argon	S	No Screen	O
High altitude	O	UltraVue Screen cloth	S
Glazing Profile		TuffScreen cloth	O
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 Casement Windows

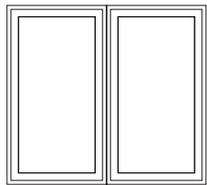
Combinations

Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are joined together by a direct or reinforcing mullion.

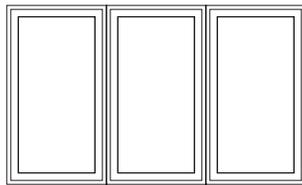
Pella window combinations are available in a variety of arrangements.

See the Combinations Recommendations document for typical mullions, requirements and limitations.

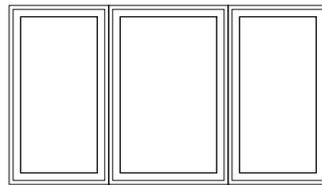
Contact your local Pella sales representative for more information.



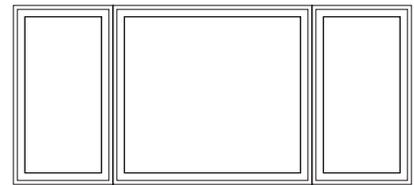
Two-Wide



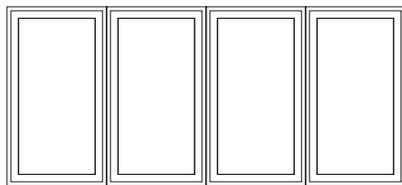
Three-Wide Equal



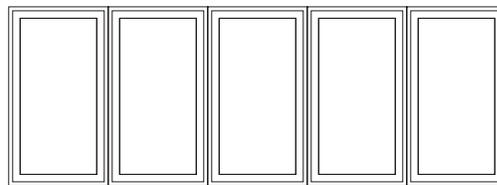
Three-Wide Unequal



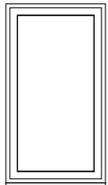
Center Fixed with Flankers



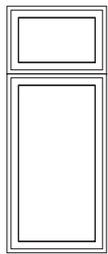
Four-Wide



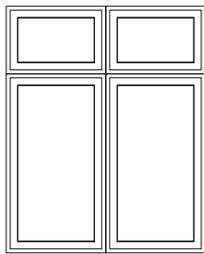
Five-Wide



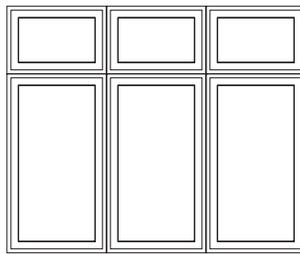
Two-High



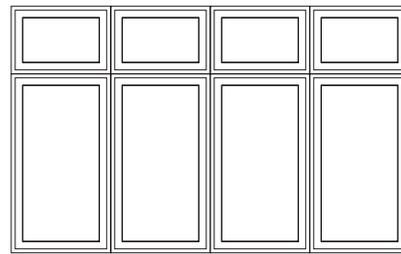
Transom over Single



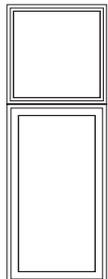
Two-Wide Transom over Two-Wide



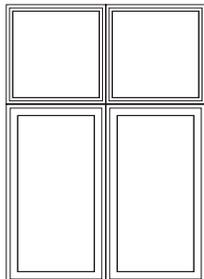
Three-Wide Transom over Three-Wide



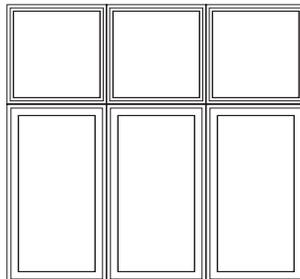
Four-Wide Transom over Four-Wide



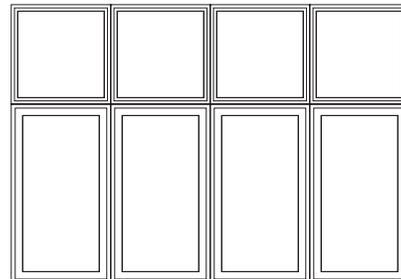
Fixed Frame over Single



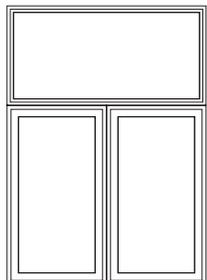
Two-Wide Fixed Frame over Two-Wide



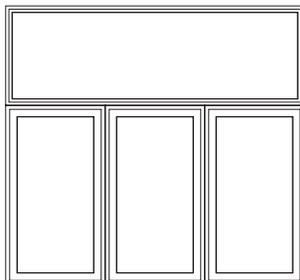
Three-Wide Fixed Frame over Three-Wide



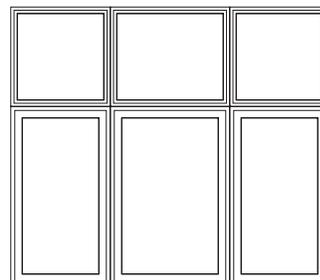
Four-Wide Fixed Frame over Four-Wide



Single Fixed Frame over Two-Wide



Single Fixed Frame over Three-Wide



Three-Wide Fixed Frame over Three-Wide Unequal



Vista Series Premium Aluminum Casement Windows

Glazing Performance - Total Unit

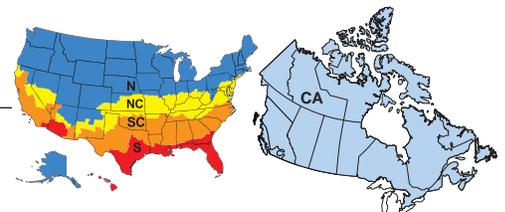
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown							
			U-Factor	SHGC	VLT	CR	U. S.				Canada ₂			
							Zone				ER	Zone		
1" Dual-Pane Insulating Glass - No Grilles							N	NC	SC	S	CA			
1"	Advanced Low-E	WEA-N-334-00327-00001	0.37	0.29	0.49	59								
1"	Advanced Low-E w/Argon	WEA-N-334-00343-00001	0.34	0.29	0.49	62								
1"	NaturalSun Low-E	WEA-N-334-00333-00001	0.38	0.46	0.54	58								
1"	NaturalSun Low-E w/Argon	WEA-N-334-00349-00001	0.35	0.46	0.54	61								
1"	NaturalSun+ Low-E	WEA-N-334-00335-00001	0.33	0.41	0.53	46								
1"	NaturalSun+ Low-E w/Argon	WEA-N-334-00351-00001	0.31	0.42	0.53	49								
1"	SunDefense Low-E	WEA-N-334-00329-00001	0.37	0.20	0.44	59								
1"	SunDefense Low-E w/Argon	WEA-N-334-00345-00001	0.34	0.20	0.44	62								
1"	SunDefense+ Low-E	WEA-N-334-00331-00001	0.32	0.20	0.43	47						S		
1"	SunDefense+ Low-E w/Argon	WEA-N-334-00347-00001	0.30	0.19	0.43	50						S		
1"	SunDefense Lami 0.030	WEA-N-334-00377-00001	0.36	0.20	0.44	59								
1"	SunDefense Lami 0.030 w/Argon	WEA-N-334-00393-00001	0.33	0.20	0.44	63								
1"	SunDefense Lami 0.060	WEA-N-334-00387-00001	0.36	0.20	0.43	60								
1"	SunDefense Lami 0.060 w/Argon	WEA-N-334-00403-00001	0.33	0.20	0.43	63								
1"	Insulated Low-E 240	WEA-N-334-00337-00001	0.37	0.18	0.26	58								
1"	Insulated Low-E 240 w/Argon	WEA-N-334-00353-00001	0.35	0.18	0.26	61								
1"	Insulated Low-E 340	WEA-N-334-00339-00001	0.37	0.14	0.26	59								
1"	Insulated Low-E 340 w/Argon	WEA-N-334-00355-00001	0.34	0.13	0.26	62								

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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Vista Series Premium Aluminum Casement Windows

Glazing Performance - Total Unit

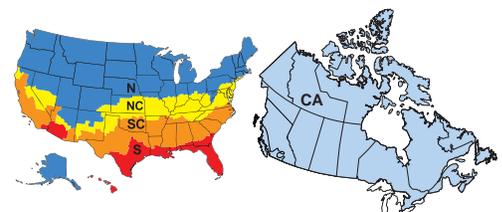
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			U-Factor	SHGC	VLT	CR	U. S.				Canada ²	
							Zone				ER	Zone
1" Triple-Pane Insulating Glass - No Grilles						N	NC	SC	S			CA
1"	Triple Insulated Low-E	WEA-N-334-00481-00001	0.31	0.26	0.40	65						
1"	Triple Insulated Low-E w/Argon	WEA-N-334-00493-00001	0.28	0.26	0.40	65						
1"	Triple Insulated LE 272 / Clear / LE 272	WEA-N-334-00481-00001	0.31	0.26	0.40	65						
1"	Triple Insulated LE 272 / Clear / LE 272 w/Argon	WEA-N-334-00493-00001	0.28	0.26	0.40	65						
1"	Triple Insulated LE 272 / Clear / LE i89	WEA-N-334-00485-00001	0.31	0.27	0.45	50						
1"	Triple Insulated LE 272 / Clear / LE i89 w/Argon	WEA-N-334-00497-00001	0.29	0.27	0.45	54						
1"	Advanced Low-E Triple	WEA-N-334-00483-00001	0.31	0.27	0.44	65						
1"	Advanced Low-E Triple w/Argon	WEA-N-334-00495-00001	0.28	0.27	0.44	65						
1"	SunDefense Triple	WEA-N-334-00277-00001	0.31	0.18	0.36	65					S	
1"	SunDefense Triple w/Argon	WEA-N-334-00281-00001	0.27	0.18	0.36	65			SC	S		
1-9/16" Triple-Pane Insulating Glass - No Grilles												
1-9/16"	ES - SunDefense Triple	WEA-N-334-00452-00001	0.27	0.18	0.36	66			SC	S		
1-9/16"	ES - SunDefense Triple w/Argon	WEA-N-334-00460-00001	0.25	0.18	0.36	66		NC	SC	S		
1-9/16"	ES - Triple Insulated Low-e	WEA-N-334-00447-00001	0.31	0.28	0.46	66						
1-9/16"	ES - Triple Insulated Low-e w/Argon	WEA-N-334-00455-00001	0.29	0.28	0.46	66						
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE 272	WEA-N-334-00448-00001	0.27	0.25	0.40	66						
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE 272 w/Argon	WEA-N-334-00456-00001	0.25	0.25	0.40	66		NC				
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE i89	WEA-N-334-00450-00001	0.29	0.27	0.45	53						
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE i89 w/Argon	WEA-N-334-00458-00001	0.27	0.27	0.45	55						
1-9/16"	ES - Advanced Low-E Triple	WEA-N-334-00449-00001	0.27	0.27	0.44	66						
1-9/16"	ES - Advanced Low-E Triple w/Argon	WEA-N-334-00457-00001	0.25	0.27	0.44	66		NC				
1-9/16"	ES - SunDefense+ Triple	WEA-N-334-00454-00001	0.28	0.18	0.41	53			SC	S		
1-9/16"	ES - SunDefense+ Triple w/Argon	WEA-N-334-00462-00001	0.27	0.18	0.41	56			SC	S		
1-9/16"	ES - Triple Insulated LE 366 / Clear / LE 180	WEA-N-334-00453-00001	0.27	0.18	0.40	66			SC	S		
1-9/16"	ES - Triple Insulated LE 366 / Clear / LE 180 w/Argon	WEA-N-334-00461-00001	0.25	0.18	0.40	66		NC	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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Vista Series Premium Aluminum Casement Windows

Glazing Performance - Total Unit

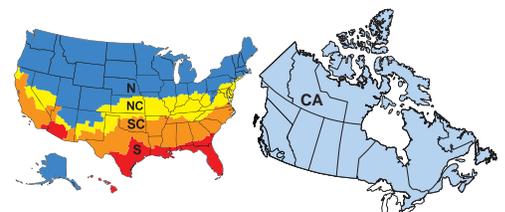
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
							Zone				ER	Zone
1" Dual-Pane Insulating Glass - With Grilles						N	NC	SC	S	CA		
1"	Advanced Low-E	WEA-N-334-00327-00002	0.37	0.27	0.44	59						
1"	Advanced Low-E w/Argon	WEA-N-334-00343-00002	0.34	0.26	0.44	62						
1"	NaturalSun Low-E	WEA-N-334-00333-00002	0.38	0.42	0.49	58						
1"	NaturalSun Low-E w/Argon	WEA-N-334-00349-00002	0.35	0.42	0.49	61						
1"	NaturalSun+ Low-E	WEA-N-334-00335-00002	0.33	0.38	0.48	46						
1"	NaturalSun+ Low-E w/Argon	WEA-N-334-00351-00002	0.31	0.38	0.48	49						
1"	SunDefense Low-E	WEA-N-334-00329-00002	0.37	0.19	0.40	59						
1"	SunDefense Low-E w/Argon	WEA-N-334-00345-00002	0.34	0.18	0.40	62						
1"	SunDefense+ Low-E	WEA-N-334-00331-00002	0.32	0.18	0.39	47				S		
1"	SunDefense+ Low-E w/Argon	WEA-N-334-00347-00002	0.30	0.18	0.39	50				S		
1"	SunDefense Lami 0.030	WEA-N-334-00377-00002	0.36	0.19	0.40	59						
1"	SunDefense Lami 0.030 w/Argon	WEA-N-334-00393-00002	0.33	0.18	0.40	63						
1"	SunDefense Lami 0.060	WEA-N-334-00387-00002	0.36	0.18	0.39	60						
1"	SunDefense Lami 0.060 w/Argon	WEA-N-334-00403-00002	0.33	0.18	0.39	63						
1"	Insulated Low-E 240	WEA-N-334-00337-00002	0.37	0.17	0.24	58						
1"	Insulated Low-E 240 w/Argon	WEA-N-334-00353-00002	0.35	0.16	0.24	61						
1"	Insulated Low-E 340	WEA-N-334-00339-00002	0.37	0.13	0.24	59						
1"	Insulated Low-E 340 w/Argon	WEA-N-334-00355-00002	0.34	0.12	0.24	62						

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Glazing Performance - Total Unit

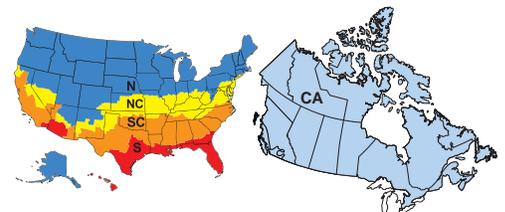
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			U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
							Zone		ER	Zone	ER	Zone
1" Triple-Pane Insulating Glass - With Grilles						N	NC	SC	S			CA
1"	Triple Insulated Low-E	WEA-N-334-00480-00001	0.35	0.26	0.42	63						
1"	Triple Insulated Low-E w/Argon	WEA-N-334-00492-00001	0.32	0.25	0.42	65						
1"	Triple Insulated LE 272 / Clear / LE 272	WEA-N-334-00482-00001	0.31	0.23	0.36	65				S		
1"	Triple Insulated LE 272 / Clear / LE 272 w/Argon	WEA-N-334-00494-00001	0.28	0.23	0.36	65			SC	S		
1"	Triple Insulated LE 272 / Clear / LE i89	WEA-N-334-00486-00001	0.32	0.25	0.41	50						
1"	Triple Insulated LE 272 / Clear / LE i89 w/Argon	WEA-N-334-00498-00001	0.29	0.25	0.41	54						
1"	Advanced Low-E Triple	WEA-N-334-00484-00001	0.31	0.25	0.40	65						
1"	Advanced Low-E Triple w/Argon	WEA-N-334-00496-00001	0.28	0.25	0.40	65						
1"	SunDefense Triple	WEA-N-334-00278-00001	0.31	0.17	0.33	65				S		
1"	SunDefense Triple w/Argon	WEA-N-334-00282-00001	0.28	0.17	0.33	65			SC	S		
1-9/16" Triple-Pane Insulating Glass - With Grilles												
1-9/16"	ES - SunDefense Triple	WEA-N-334-00452-00002	0.27	0.17	0.33	66			SC	S		
1-9/16"	ES - SunDefense Triple w/Argon	WEA-N-334-00460-00002	0.25	0.17	0.33	66		NC	SC	S		
1-9/16"	ES - Triple Insulated Low-e	WEA-N-334-00447-00002	0.31	0.25	0.42	66						
1-9/16"	ES - Triple Insulated Low-e w/Argon	WEA-N-334-00455-00002	0.29	0.25	0.42	66						
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE 272	WEA-N-334-00448-00002	0.27	0.23	0.36	66			SC	S		
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE 272 w/Argon	WEA-N-334-00456-00002	0.25	0.23	0.36	66		NC	SC	S		
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE i89	WEA-N-334-00450-00002	0.29	0.25	0.41	53						
1-9/16"	ES - Triple Insulated LE 272 / Clear / LE i89 w/Argon	WEA-N-334-00458-00002	0.27	0.25	0.41	55						
1-9/16"	ES - Advanced Low-E Triple	WEA-N-334-00449-00002	0.27	0.25	0.40	66						
1-9/16"	ES - Advanced Low-E Triple w/Argon	WEA-N-334-00457-00002	0.25	0.25	0.40	66		NC				
1-9/16"	ES - SunDefense+ Triple	WEA-N-334-00454-00002	0.28	0.17	0.37	53			SC	S		
1-9/16"	ES - SunDefense+ Triple w/Argon	WEA-N-334-00462-00002	0.27	0.17	0.37	56			SC	S		
1-9/16"	ES - Triple Insulated LE 366 / Clear / LE 180	WEA-N-334-00453-00002	0.27	0.17	0.36	66			SC	S		
1-9/16"	ES - Triple Insulated LE 366 / Clear / LE 180 w/Argon	WEA-N-334-00461-00002	0.25	0.16	0.36	66		NC	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.

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

Visit www.energystar.gov for Energy Star guidelines.

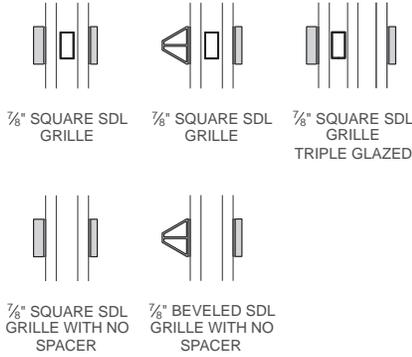




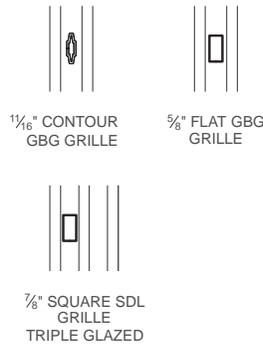
Grilles

Grille Profiles

Simulated-Divided-Light Grilles

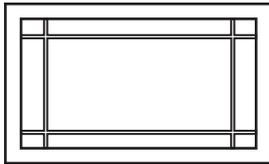


Grilles-Between-the-Glass

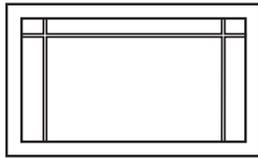


Grille Patterns

Prairie Lite Patterns



9-Lite Prairie

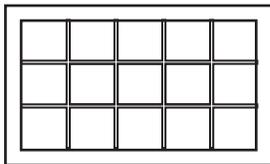


6-Lite Prairie

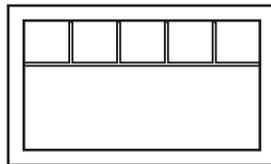
Prairie

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

Other Available Patterns



Traditional



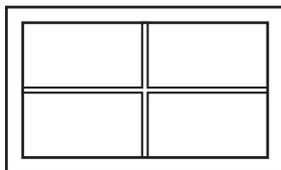
Top Row

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 $\leq \frac{1}{2}$ upper actual glass.



Custom



Vista Series Premium Aluminum Casement Windows

Size Tables

Casement Windows (4201)

Jamb Dimension	1'-5 1/4"	1'-7 1/4"	1'-11 1/4"	2'-3 1/4"	2'-5 1/4"	2'-7 1/4"	2'-11 1/4"	3'-5 1/4"
Rough Opening	1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"	3'-6"
Soft Metric R.O. (mm)	457	508	610	711	762	813	914	1067
Glass Size	12 7/8"	14 7/8"	18 7/8"	22 7/8"	24 7/8"	26 7/8"	30 7/8"	36 7/8"

Left hinged shown
Right hinged and Picture available

1'-11 1/4" 2'-0" 610 18 7/8"								
	1620	1820	2020	2420	2620	2820	3020	3620
2'-5 1/4" 2'-6" 762 24 7/8"								
	1626	1826	2026	2426	2626	2826	3026	3626
2'-11 1/4" 3'-0" 914 30 7/8"								
	1630	1830	2030	2430	2630	2830	3030	3630
3'-5 1/4" 3'-6" 1067 36 7/8"								
	1636	1836	2036	2436	2636	2836	3036	3636
3'-11 1/4" 4'-0" 1219 42 7/8"								
	1640	1840	2040	2440	2640	2840	3040	3640
4'-5 1/4" 4'-6" 1372 48 7/8"								
	1646	1846	2046	2446	2646	2846	3046	3646
4'-11 1/4" 5'-0" 1524 54 7/8"								
	1650	1850	2050	2450	2650	2850	3050	3650
5'-5 1/4" 5'-6" 1676 60 7/8"								
	1656	1856	2056	2456	2656	2856	3056	3656
5'-11 1/4" 6'-0" 1829 66 7/8"								
	1660	1860	2060	2460	2660	2860	3060	3660
6'-5 1/4" 6'-6" 1981 72 7/8"								
	1666	1866	2066	2466	2666	2866	3066	3666
6'-11 1/4" 7'-0" 2134 78 7/8"								
	1670	1870	2070	2470	2670	2870	3070	3670
7'-5 1/4" 7'-6" 2286 84 7/8"								
	1676	1876	2076	2476	2676	2876	3076	3676

42" and 48" Wide
standard sizes are also
available.

Continued on next page

Shaded sizes meet or exceed egress opening requirements per 2006 IBC (International Building Code) minimum dimensions of 20" clear opening width, 24" clear opening height, 5.7 sq. ft. clear opening and floor to bottom of clear opening not to exceed 44".



Vista Series Premium Aluminum Casement Windows

Size Tables

Casement Windows (4201)

Jamb Dimension	1'-5 1/4"	1'-7 1/4"	1'-11 1/4"	2'-3 1/4"	2'-5 1/4"	2'-7 1/4"	2'-11 1/4"	3'-5 1/4"
Rough Opening	1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"	3'-6"
Soft Metric R.O. (mm)	457	508	610	711	762	813	914	1067
Glass Size	12 7/8"	14 7/8"	18 7/8"	22 7/8"	24 7/8"	26 7/8"	30 7/8"	36 7/8"

Left hinged shown
Right hinged and Picture available

42" and 48" Wide standard sizes are also available, but are not available for all heights.

7'-11 1/4" 8'-0" 2438 90 7/8"								
	1680	1880	2080	2480	2680	2880	3080	3680
8'-5 1/4" 8'-6" 2591 96 7/8"								
	1686	1886	2086	2486	2686	2886	3086	3686
8'-11 1/4" 9'-0" 2743 102 7/8"								
	1690	1890	2090	2490	2690	2890	3090	3690
9'-5 1/4" 9'-6" 2896 108 7/8"								
	1696	1896	2096	2496	2696	2896	3096	3696
9'-11 1/4" 10'-0" 3048 114 7/8"								
	16100	18100	20100	24100	26100	28100	30100	36100

2 - Wide Units Width Dimensions				3 - Wide Units Width Dimensions				4 - Wide Units Width Dimensions			
Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)	Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)	Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS2-16	2'-10 1/2"	2'-11 1/4"	895	CS3-16	4'-3 3/4"	4'-4 1/2"	1334	CS4-16	5'-9"	5'-9 3/4"	1772
CS2-18	3'-2 1/2"	3'-3 1/4"	997	CS3-18	4'-9 3/4"	4'-10 1/2"	1486	CS4-18	6'-5"	6'-5 3/4"	1975
CS2-20	3'-10 1/2"	3'-11 1/4"	1200	CS3-20	5'-9 3/4"	5'-10 1/2"	1791	CS4-20	7'-9"	7'-9 3/4"	2381
CS2-24	4'-6 1/2"	4'-7 1/4"	1403	CS3-24	6'-9 3/4"	6'-10 1/2"	2096	CS4-24	9'-1"	9'-1 3/4"	2788
CS2-26	4'-10 1/2"	4'-11 1/4"	1505	CS3-26	7'-3 3/4"	7'-4 1/2"	2248	CS4-26	9'-9"	9'-9 3/4"	2991
CS2-28	5'-2 1/2"	5'-3 1/4"	1607	CS3-28	7'-9 3/4"	7'-10 1/2"	2400				
CS2-30	5'-10 1/2"	5'-11 1/4"	1810	CS3-30	8'-9 3/4"	8'-10 1/2"	2705				
CS2-36	6'-10 1/2"	6'-11 1/4"	2115								
CS2-38	7'-2 1/2"	7'-3 1/4"	2216								

Shaded sizes meet or exceed egress opening requirements per 2006 IBC (International Building Code) minimum dimensions of 20" clear opening width, 24" clear opening height, 5.7 sq. ft. clear opening and floor to bottom of clear opening not to exceed 44".



Vista Series Premium Aluminum Casement Windows

Size Tables

Casement Picture Windows (4201)

Jamb Dimension	3'-11 1/4"	4'-5 1/4"	4'-11 1/4"	5'-5 1/4"	5'-11 1/4"	6'-5 1/4"	6'-11 1/4"	7'-5 1/4"
Rough Opening	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"
Soft Metric R.O.(mm)	1219	1372	1524	1676	1829	1981	2134	2286
Class Size	42 7/8"	48 7/8"	54 7/8"	60 7/8"	66 7/8"	72 7/8"	78 7/8"	84 7/8"
1'-11 1/4"								
2'-0"	4020	4620	5020	5620	6020	6620	7020	7620
2'-5 1/4"								
2'-6"	4026	4626	5026	5626	6026	6626	7026	7626
2'-11 1/4"								
3'-0"	4030	4630	5030	5630	6030	6630	7030	7630
3'-5 1/4"								
3'-6"	4036	4636	5036	5636	6036	6636	7036	7636
3'-11 1/4"								
4'-0"	4040	4640	5040	5640	6040	6640	7040	7640
4'-5 1/4"								
4'-6"	4046	4646	5046	5646	6046	6646	7046	7646
4'-11 1/4"								
5'-0"	4050	4650	5050	5650	6050	6650	7050	7650
5'-5 1/4"								
5'-6"	4056	4656	5056	5656	6056	6656	7056	7656
5'-11 1/4"								
6'-0"	4060	4660	5060	5660	6060	6660	7060	7660
6'-5 1/4"								
6'-6"	4066	4666	5066	5666	6066	6666	7066	7666
6'-11 1/4"								
7'-0"	4070	4670	5070	5670	6070	6670	7070	7670
7'-5 1/4"								
7'-6"	4076	4676	5076	5676	6076	6676	7076	7676



Vista Series Premium Aluminum Casement Windows

Size Tables

Casement Picture Windows (4201)

Jamb Dimension	7'-11 1/4"	8'-5 1/4"	8'-11 1/4"	9'-5 1/4"	9'-11 1/4"
Rough Opening	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
Soft Metric R.O. (mm)	2438	2591	2743	2896	3048
Glass Size	90 7/8"	96 7/8"	102 7/8"	108 7/8"	114 7/8"
1'-11 1/4"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
2'-5 1/4"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"
2'-11 1/4"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
3'-5 1/4"	3'-6"	3'-6"	3'-6"	3'-6"	3'-6"
3'-11 1/4"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
4'-5 1/4"	4'-6"	4'-6"	4'-6"	4'-6"	4'-6"
4'-11 1/4"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"
5'-5 1/4"	5'-6"	5'-6"	5'-6"	5'-6"	5'-6"
5'-11 1/4"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"
6'-5 1/4"	6'-6"	6'-6"	6'-6"	6'-6"	6'-6"
6'-11 1/4"	7'-0"	7'-0"	7'-0"	7'-0"	7'-0"
7'-5 1/4"	7'-6"	7'-6"	7'-6"	7'-6"	7'-6"
8020	8620	9020	9620	10020	
8026	8626	9026	9626	10026	
8030	8630	9030	9630	10030	
8036	8636	9036	9636	10036	
8040	8640	9040	9640	10040	
8046	8646	9046	9646	10046	
8050	8650	9050	9650	10050	
8056	8656	9056	9656	10056	
8060	8660	9060	9660	10060	
8066	8666	9066			
8070	8670				



Vista Series Premium Aluminum Casement Windows

Size Tables

Casement Picture Windows (4201)

Jamb Dimension	3'-11 1/4"	4'-5 1/4"	4'-11 1/4"	5'-5 1/4"	5'-11 1/4"	6'-5 1/4"	6'-11 1/4"
Rough Opening	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
Soft Metric R.O. (mm)	1219	1372	1524	1676	1829	1981	2134
Glass Size	42 7/8"	48 7/8"	54 7/8"	60 7/8"	66 7/8"	72 7/8"	78 7/8"
7'-11 1/4"							
8'-5 1/4"							
8'-11 1/4"							
9'-5 1/4"							
9'-11 1/4"							

2 - Wide Units Width Dimensions				3 - Wide Units Width Dimensions				4 - Wide Units Width Dimensions			
Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)	Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)	Base Code	Jamb Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS2-16	2'-10 1/2"	2'-11 1/4"	895	CS3-16	4'-3 3/4"	4'-4 1/2"	1334	CS4-16	5'-9"	5'-9 3/4"	1772
CS2-18	3'-2 1/2"	3'-3 1/4"	997	CS3-18	4'-9 3/4"	4'-10 1/2"	1486	CS4-18	6'-5"	6'-5 3/4"	1975
CS2-20	3'-10 1/2"	3'-11 1/4"	1200	CS3-20	5'-9 3/4"	5'-10 1/2"	1791	CS4-20	7'-9"	7'-9 3/4"	2381
CS2-24	4'-6 1/2"	4'-7 1/4"	1403	CS3-24	6'-9 3/4"	6'-10 1/2"	2096	CS4-24	9'-1"	9'-1 3/4"	2788
CS2-26	4'-10 1/2"	4'-11 1/4"	1505	CS3-26	7'-3 3/4"	7'-4 1/2"	2248	CS4-26	9'-9"	9'-9 3/4"	2991
CS2-28	5'-2 1/2"	5'-3 1/4"	1607	CS3-28	7'-9 3/4"	7'-10 1/2"	2400				
CS2-30	5'-10 1/2"	5'-11 1/4"	1810	CS3-30	8'-9 3/4"	8'-10 1/2"	2705				
CS2-36	6'-10 1/2"	6'-11 1/4"	2115								
CS2-38	7'-2 1/2"	7'-3 1/4"	2216								



Vista Series Premium Aluminum Casement Windows

Special Size and Dimensions

1-Wide Vent Unit		1-Wide Fixed Unit (Picture Window)	
MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
17.25" W x 23.25" H (438 x 591)	47.25" W x 119.25" H (1200 x 3 029)	17.25" W x 23.25" H (438 x 591)	119.25" W x 119.25" H (3 029 x 3 029)

General Notes:

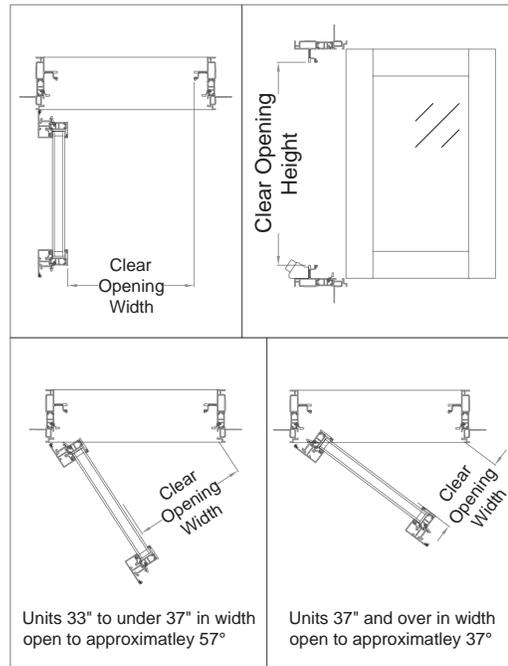
- To convert areas to square meters (m²), multiply square feet by 0.0929.
- Rough Opening = Frame Dimension + 3/4".
- Unit Height must be > Unit Width
- Keep frame dimensions to the nearest 1/8" increment.
- Tempered glass must measure ≥ 18-1/2" diagonally.
- If glass width to height ratio is > 5 to 1, then unit must be tempered.

Miscellaneous Formulas

1-Wide—Vent	
Visible Glass	VGW = FW - 5.409" VGH = FH - 5.414"
Actual Glass	AGW = FW - 4.375" AGH = FH - 4.375"

Clear Opening Formulas

1-Wide—Vent	
Vent Area	VA = (COH X COW) ÷ 144
Clear Opening Height	COH = FH - 3.479"
Clear Opening Width	COW = FW - 4.33"



Dimensions shown in inches.

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



Vista Series Premium Aluminum Casement Windows

Design Data

1-Wide Vent						
Call Size	Egress	Clear Opening Ft ²	Clear Opening		Daylight Opening Ft ²	Vent Area Ft ²
			Width	Height		
1620		1.77	12.92	19.77	1.47	1.77
1626		2.31	12.92	25.77	1.96	2.31
1630		2.85	12.92	31.77	2.45	2.85
1636		3.39	12.92	37.77	2.95	3.39
1640		3.93	12.92	43.77	3.44	3.93
1646		4.47	12.92	49.77	3.93	4.47
1650		5.00	12.92	55.77	4.43	5.00
1656		5.54	12.92	61.77	4.92	5.54
1660		6.08	12.92	67.77	5.41	6.08
1666		6.62	12.92	73.77	5.91	6.62
1670		7.16	12.92	79.77	6.40	7.16
1676		7.70	12.92	85.77	6.89	7.70
1680		8.23	12.92	91.77	7.39	8.23
1686		8.77	12.92	97.77	7.88	8.77
1690		9.31	12.92	103.77	8.37	9.31
1696		9.85	12.92	109.77	8.87	9.85
16100		10.39	12.92	115.77	9.36	10.39
1820		2.05	14.92	19.77	1.71	2.05
1826		2.67	14.92	25.77	2.29	2.67
1830		3.29	14.92	31.77	2.87	3.29
1836		3.91	14.92	37.77	3.44	3.91
1840		4.54	14.92	43.77	4.02	4.54
1846		5.16	14.92	49.77	4.60	5.16
1850		5.78	14.92	55.77	5.18	5.78
1856		6.40	14.92	61.77	5.75	6.40
1860		7.02	14.92	67.77	6.33	7.02
1866		7.64	14.92	73.77	6.91	7.64
1870		8.27	14.92	79.77	7.48	8.27
1876		8.89	14.92	85.77	8.06	8.89
1880		9.51	14.92	91.77	8.64	9.51
1886		10.13	14.92	97.77	9.21	10.13
1890		10.75	14.92	103.77	9.79	10.75
1896		11.37	14.92	109.77	10.37	11.37
18100		12.00	14.92	115.77	10.94	12.00

1-Wide Vent						
Call Size	Egress	Clear Opening Ft ²	Clear Opening		Daylight Opening Ft ²	Vent Area Ft ²
			Width	Height		
2020		2.60	18.92	19.77	2.21	2.60
2026		3.39	18.92	25.77	2.95	3.39
2030		4.17	18.92	31.77	3.70	4.17
2036		4.96	18.92	37.77	4.44	4.96
2040		5.75	18.92	43.77	5.18	5.75
2046		6.54	18.92	49.77	5.93	6.54
2050		7.33	18.92	55.77	6.67	7.33
2056		8.12	18.92	61.77	7.41	8.12
2060		8.90	18.92	67.77	8.16	8.90
2066		9.69	18.92	73.77	8.90	9.69
2070		10.48	18.92	79.77	9.64	10.48
2076		11.27	18.92	85.77	10.39	11.27
2080		12.06	18.92	91.77	11.13	12.06
2086		12.85	18.92	97.77	11.87	12.85
2090		13.63	18.92	103.77	12.62	13.63
2096		14.42	18.92	109.77	13.36	14.42
20100		15.21	18.92	115.77	14.10	15.21
2420		3.15	22.92	19.77	2.71	3.15
2426		4.10	22.92	25.77	3.62	4.10
2430		5.06	22.92	31.77	4.53	5.06
2436	E	6.01	22.92	37.77	5.44	6.01
2440	E	6.97	22.92	43.77	6.35	6.97
2446	E	7.92	22.92	49.77	7.26	7.92
2450	E	8.88	22.92	55.77	8.17	8.88
2456	E	9.83	22.92	61.77	9.08	9.83
2460	E	10.79	22.92	67.77	9.99	10.79
2466	E	11.74	22.92	73.77	10.90	11.74
2470	E	12.70	22.92	79.77	11.81	12.70
2476	E	13.65	22.92	85.77	12.72	13.65
2480	E	14.61	22.92	91.77	13.63	14.61
2486	E	15.56	22.92	97.77	14.54	15.56
2490	E	16.52	22.92	103.77	15.45	16.52
2496	E	17.47	22.92	109.77	16.36	17.47
24100	E	18.43	22.92	115.77	17.27	18.43

Continued on next page

E = sizes meet or exceed egress opening requirements per 2006 IBC (International Building Code) minimum dimensions of 20" clear opening width, 24" clear opening height, 5.7 sq. ft. clear opening and floor to bottom of clear opening not to exceed 44".

E1 = These windows meet or exceed emergency escape and rescue opening requirements if installed lower in the wall so the "Floor to Bottom of Clear Opening Height" does not exceed 44".

All units 33" to under 37" in jamb width are manufactured with a limiting operator position. Sash opens to approximately 54° at full opening, which could limit emergency escape and rescue compatibility. All units 37" and wider in jamb width are manufactured with a limiting operator position. Sash opens to approximately 39° at full opening, which could limit emergency escape and rescue compatibility. Clear opening width values for these are calculated parallel to the sash. Check with your local building inspector to verify allowance



Vista Series Premium Aluminum Casement Windows

Design Data

1-Wide Vent						
Call Size	Egress	Clear Opening Ft ²	Clear Opening		Daylight Opening Ft ²	Vent Area Ft ²
			Width	Height		
2620		3.42	24.92	19.77	2.95	3.42
2626		4.46	24.92	25.77	3.95	4.46
2630		5.50	24.92	31.77	4.94	5.50
2636	E	6.54	24.92	37.77	5.93	6.54
2640	E	7.57	24.92	43.77	6.93	7.57
2646	E	8.61	24.92	49.77	7.92	8.61
2650	E	9.65	24.92	55.77	8.91	9.65
2656	E	10.69	24.92	61.77	9.91	10.69
2660	E	11.73	24.92	67.77	10.90	11.73
2666	E	12.77	24.92	73.77	11.89	12.77
2670	E	13.80	24.92	79.77	12.89	13.80
2676	E	14.84	24.92	85.77	13.88	14.84
2680	E	15.88	24.92	91.77	14.87	15.88
2686	E	16.92	24.92	97.77	15.87	16.92
2690	E	17.96	24.92	103.77	16.86	17.96
2696	E	19.00	24.92	109.77	17.85	19.00
26100	E	20.03	24.92	115.77	18.85	20.03
2820		3.70	26.92	19.77	3.20	3.70
2826		4.82	26.92	25.77	4.28	4.82
2830	E1	5.94	26.92	31.77	5.36	5.94
2836	E	7.06	26.92	37.77	6.43	7.06
2840	E	8.18	26.92	43.77	7.51	8.18
2846	E	9.30	26.92	49.77	8.59	9.30
2850	E	10.43	26.92	55.77	9.66	10.43
2856	E	11.55	26.92	61.77	10.74	11.55
2860	E	12.67	26.92	67.77	11.82	12.67
2866	E	13.79	26.92	73.77	12.89	13.79
2870	E	14.91	26.92	79.77	13.97	14.91
2876	E	16.03	26.92	85.77	15.05	16.03
2880	E	17.16	26.92	91.77	16.12	17.16
2886	E	18.28	26.92	97.77	17.20	18.28
2890	E	19.40	26.92	103.77	18.28	19.40
2896	E	20.52	26.92	109.77	19.35	20.52
28100	E	21.64	26.92	115.77	20.43	21.64

1-Wide Vent						
Call Size	Egress	Clear Opening Ft ²	Clear Opening		Daylight Opening Ft ²	Vent Area Ft ²
			Width	Height		
3020		3.81	27.75	19.77	3.70	3.81
3026		4.97	27.75	25.77	4.94	4.97
3030	E1	6.12	27.75	31.77	6.18	6.12
3036	E	7.28	27.75	37.77	7.43	7.28
3040	E	8.43	27.75	43.77	8.67	8.43
3046	E	9.59	27.75	49.77	9.91	9.59
3050	E	10.75	27.75	55.77	11.16	10.75
3056	E	11.90	27.75	61.77	12.40	11.90
3060	E	13.06	27.75	67.77	13.64	13.06
3066	E	14.22	27.75	73.77	14.89	14.22
3070	E	15.37	27.75	79.77	16.13	15.37
3076	E	16.53	27.75	85.77	17.37	16.53
3080	E	17.68	27.75	91.77	18.62	17.68
3086	E	18.84	27.75	97.77	19.86	18.84
3090	E	20.00	27.75	103.77	21.10	20.00
3096	E	21.15	27.75	109.77	22.35	21.15
30100	E	22.31	27.75	115.77	23.59	22.31
3620		3.48	25.36	19.77	4.44	3.48
3626		4.54	25.36	25.77	5.93	4.54
3630		5.60	25.36	31.77	7.43	5.60
3636	E	6.65	25.36	37.77	8.92	6.65
3640	E	7.71	25.36	43.77	10.41	7.71
3646	E	8.77	25.36	49.77	11.91	8.77
3650	E	9.82	25.36	55.77	13.40	9.82
3656	E	10.88	25.36	61.77	14.89	10.88
3660	E	11.94	25.36	67.77	16.39	11.94
3666	E	12.99	25.36	73.77	17.88	12.99
3670	E	14.05	25.36	79.77	19.37	14.05
3676	E	15.11	25.36	85.77	20.87	15.11
3680	E	16.16	25.36	91.77	22.36	16.16
3686	E	17.22	25.36	97.77	23.85	17.22
3690	E	18.28	25.36	103.77	25.35	18.28
3696	E	19.33	25.36	109.77	26.84	19.33
36100	E	20.39	25.36	115.77	28.33	20.39

E = sizes meet or exceed egress opening requirements per 2006 IBC (International Building Code) minimum dimensions of 20" clear opening width, 24" clear opening height, 5.7 sq. ft. clear opening and floor to bottom of clear opening not to exceed 44".

E1 = These windows meet or exceed emergency escape and rescue opening requirements if installed lower in the wall so the "Floor to Bottom of Clear Opening Height" does not exceed 44".

All units 33" to under 37" in jamb width are manufactured with a limiting operator position. Sash opens to approximately 54° at full opening, which could limit emergency escape and rescue compatibility. All units 37" and wider in jamb width are manufactured with a limiting operator position. Sash opens to approximately 39° at full opening, which could limit emergency escape and rescue compatibility. Clear opening width values for these are calculated parallel to the sash. Check with your local building inspector to verify allowance



Vista Series Premium Aluminum Casement Windows

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).

Sash

- Thermally broken extruded aluminum.
- Corners are mitered and mechanically fastened with corner keys.
- Sash thickness is 2-3/16" (56 mm).
- Sash exterior glazing profile is [Square] [Beveled] [Narrow].
- Contains sealed insulating glass.

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

- Roto operator assembly located on the sill.
 - Hardened steel worm gear sash operator with straight gear arms.
 - Operator linkage, hinge slide, and hinge arms are plated steel.
- All vent units are available with left- or right-hand hinging.
- Two concealed plated steel adjustable hinges, consisting of the primary hinge pieces in the head and sill mating to inserts in the sash.
- A single lever handle operates a multi-point locking system.
- Operating hardware includes a contemporary style zinc die-cast nesting crank handle and lever lock 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] [beveled] profile that are extruded aluminum factory finished to match sash color.²
 - Patterns are [Traditional] [Prairie] [Top Row].
 - 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].
 - Grilles are factory pre-finished paint.²

Screens

- Flexible screen consisting of steel channel frames with exterior grade high performance PVC coating.
- Mesh is [high-visibility vinyl-coated fiberglass (standard)] [higher strength vinyl-coated fiberglass].
- Fitted to inside of window, supplied complete with all necessary hardware.
- Screen frame finish is factory prefinished to match sash and frame color.

Hardware

- Optional factory applied window opening control device. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-17.

(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.

(3) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.

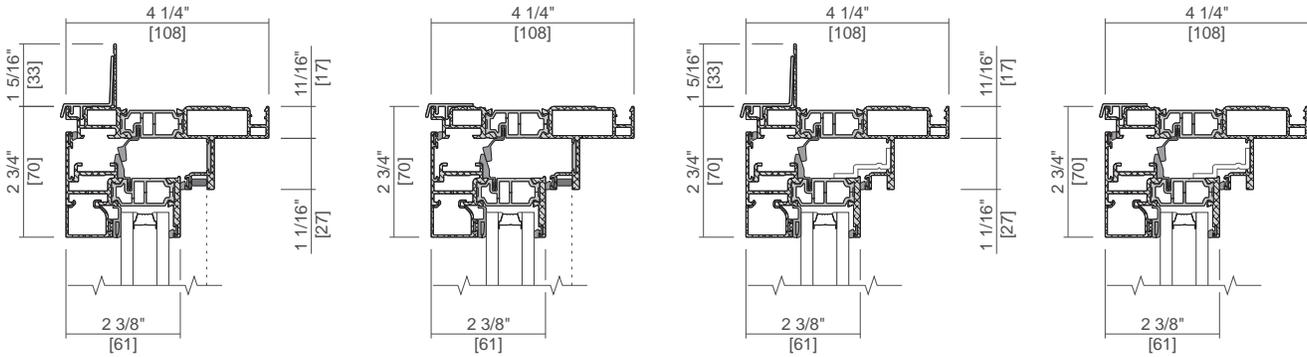


Vista Series Premium Aluminum Casement Windows

Unit Sections - Frame Types Overview

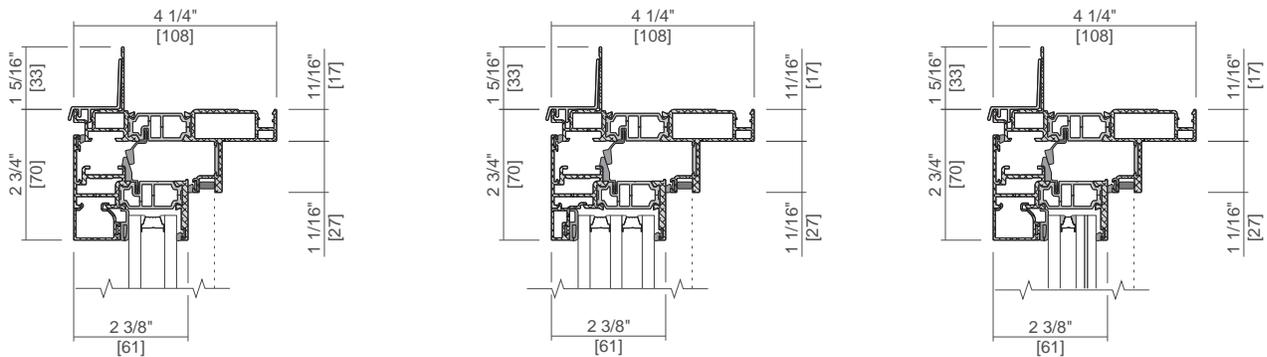
CASEMENT - CASEMENT PICTURE

Casement Venting Nailing Fin	Casement Venting Block Frame	Casement Picture Fixed Nailing Fin	Casement Picture Fixed Block Frame
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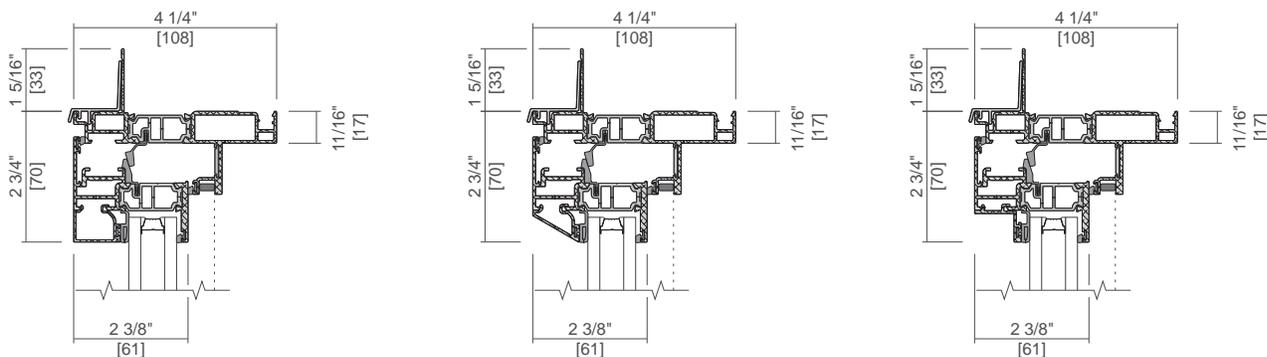
GLAZING OPTIONS

1" Dual IG	1-5/8" Triple IG	1" Laminate IG
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GLAZING BEAD OPTIONS

Square Bead	Bevel Bead	Narrow Bead
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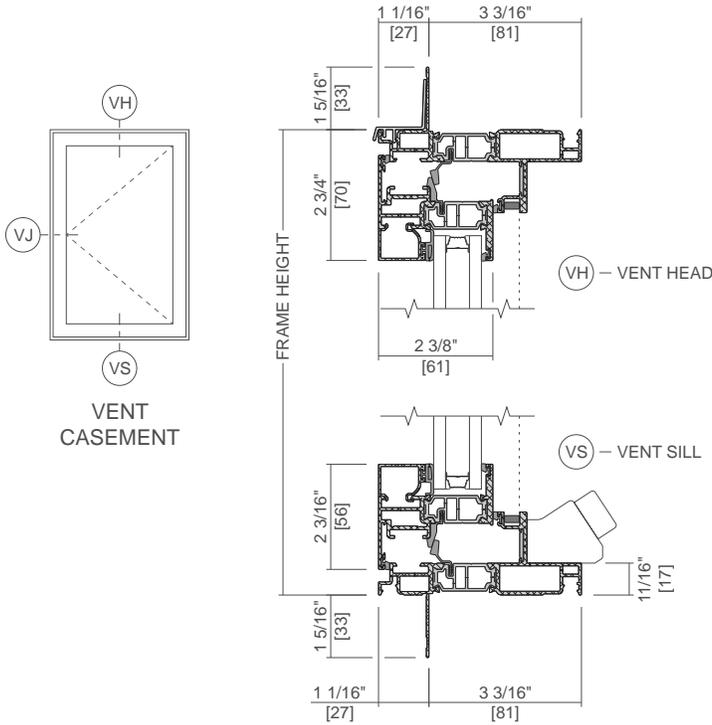


Scale 3" = 1' 0"
All dimensions are approximate.

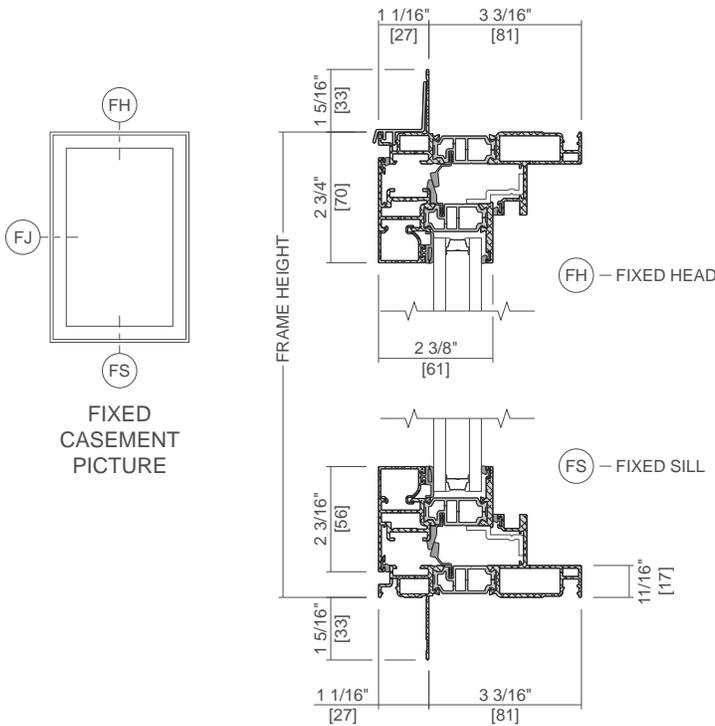
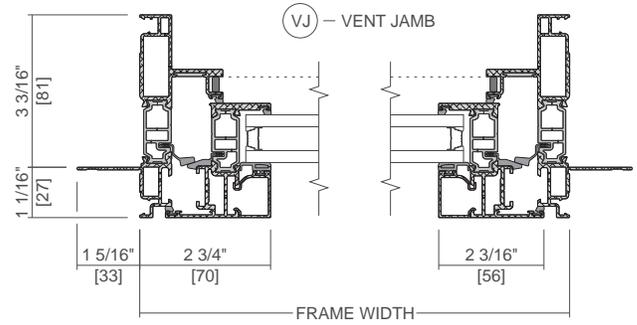


Vista Series Premium Aluminum Casement Windows

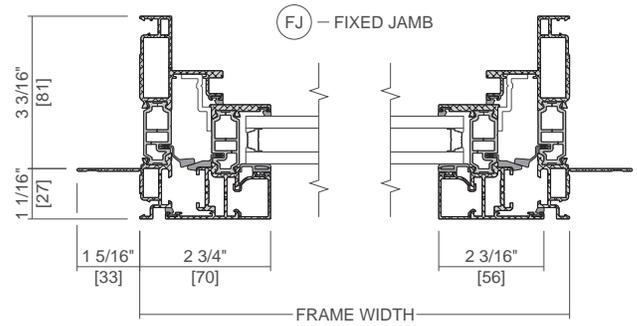
Unit Sections - Nail Fin



STANDARD NAILING FIN



STANDARD NAILING FIN



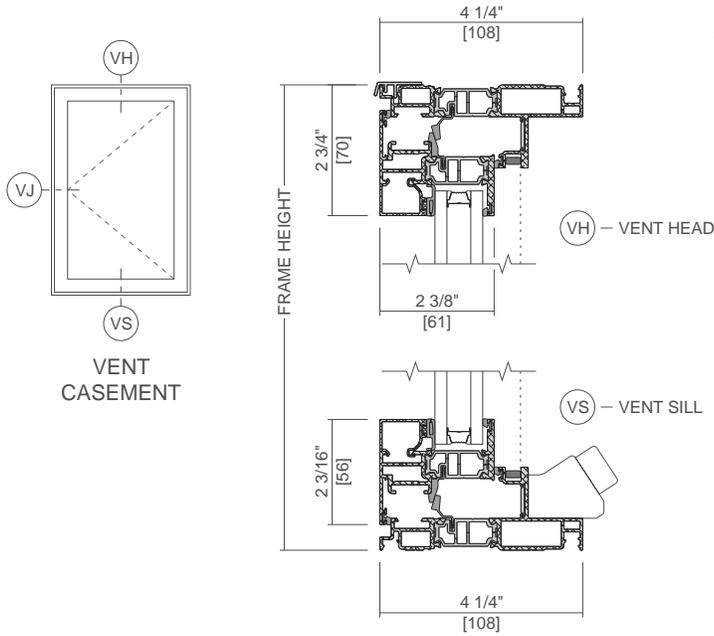
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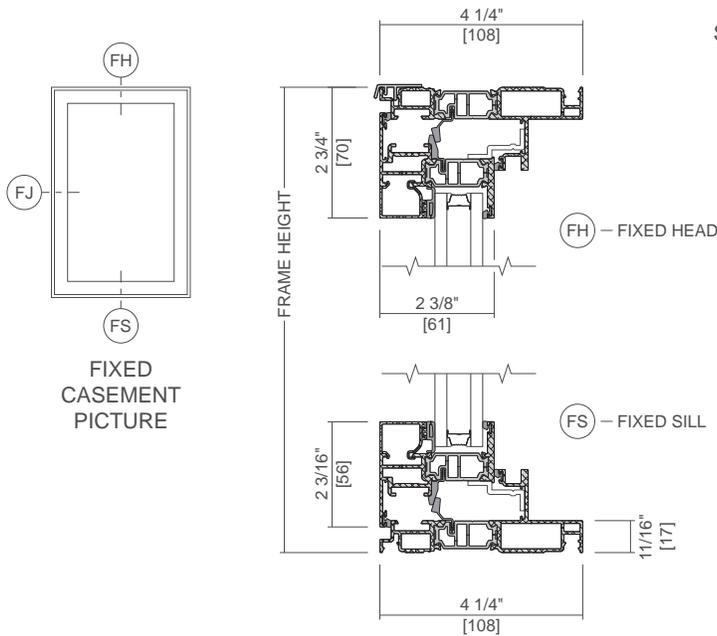
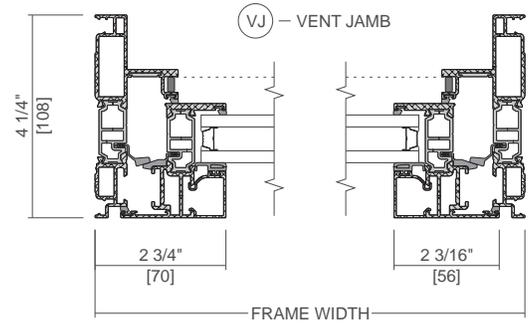


Vista Series Premium Aluminum Casement Windows

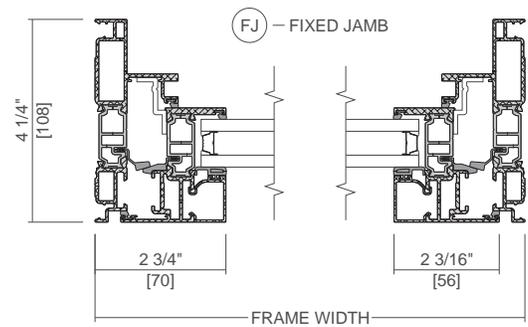
Unit Sections - Block Frame



STANDARD BLOCK FRAME



STANDARD BLOCK FRAME



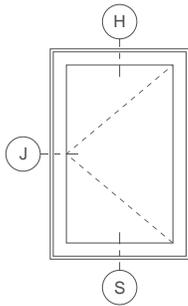
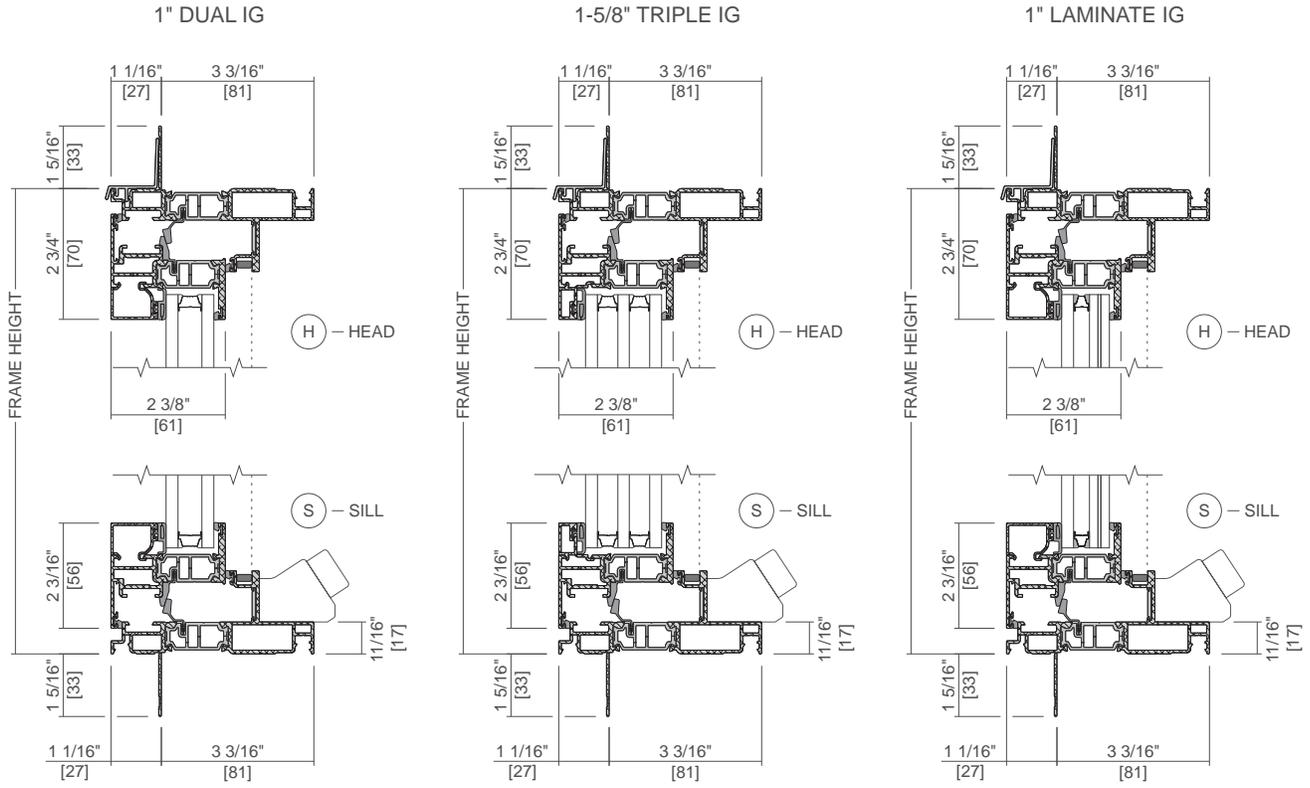
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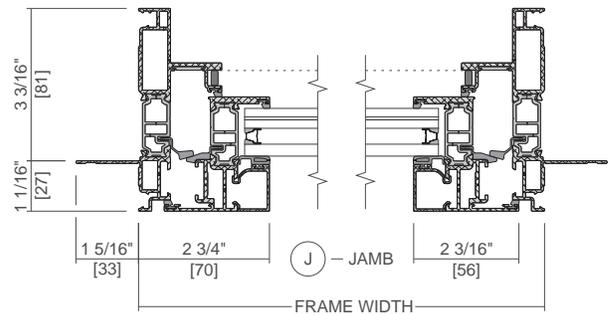
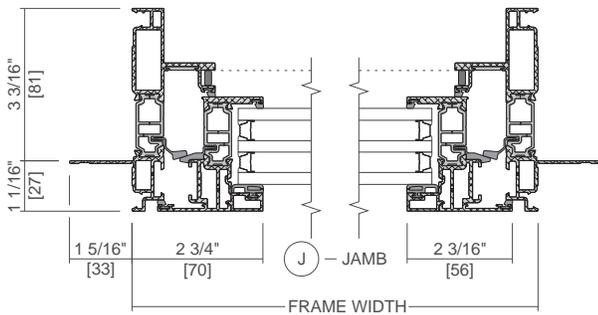
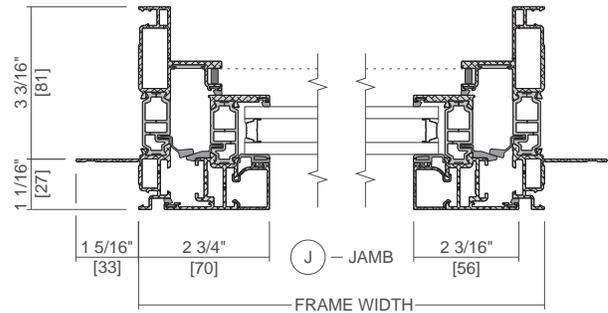


Vista Series Premium Aluminum Casement Windows

Unit Sections - Glazing Options



GLAZING



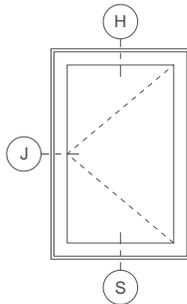
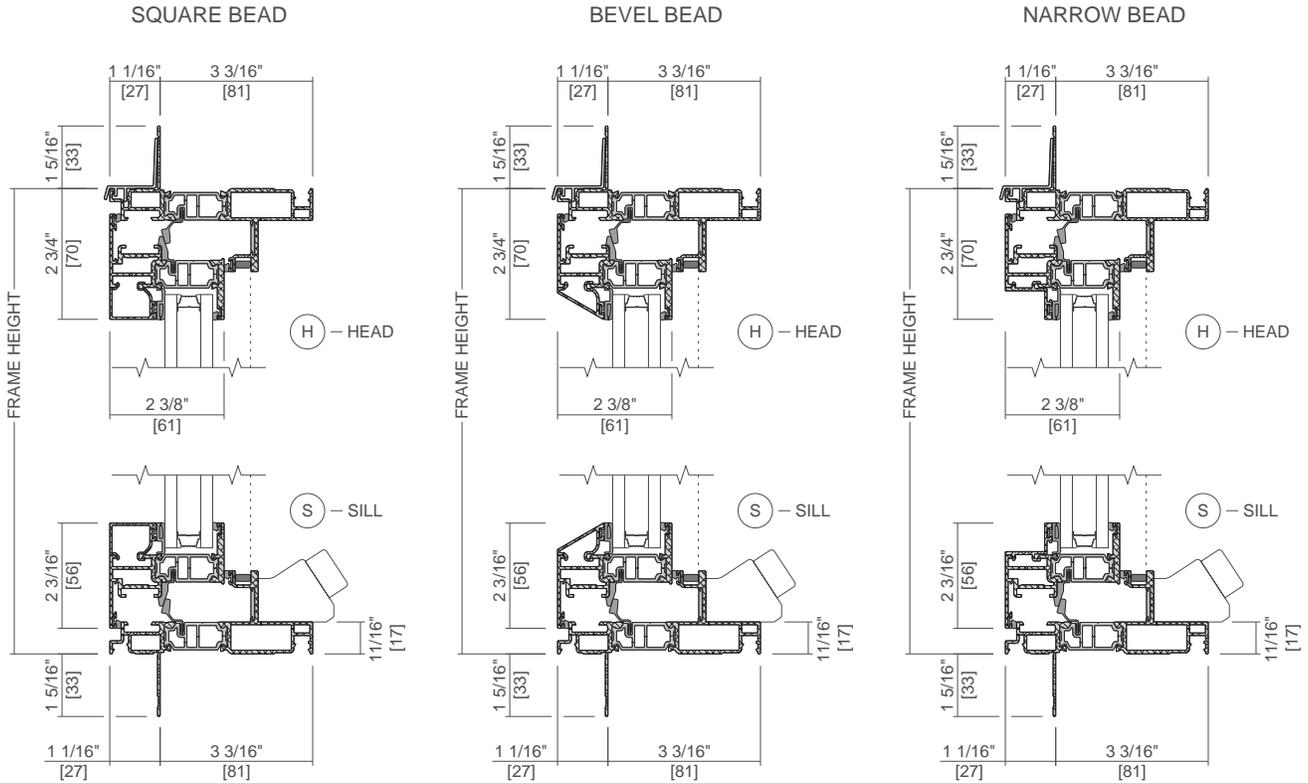
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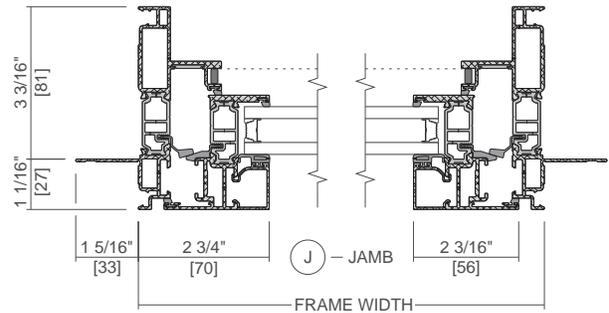


Vista Series Premium Aluminum Casement Windows

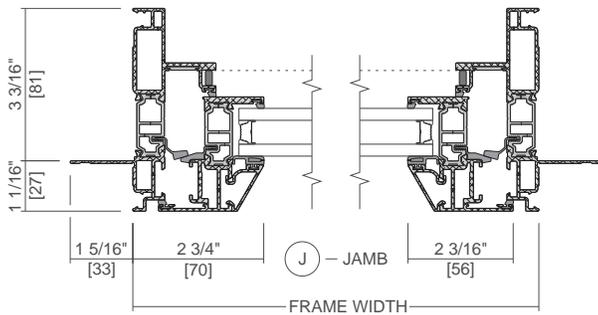
Unit Sections - Glazing Beads



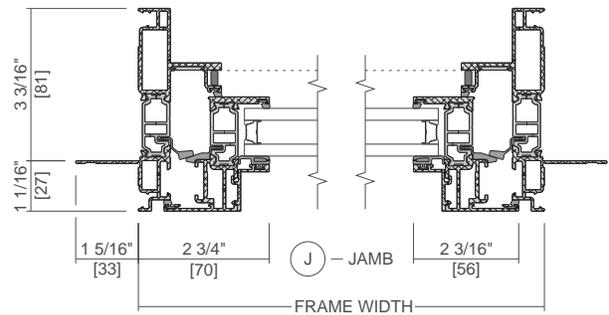
GLAZING BEAD PROFILE



SQUARE BEAD



BEVEL BEAD



NARROW BEAD

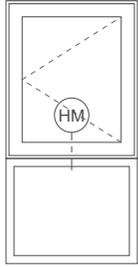
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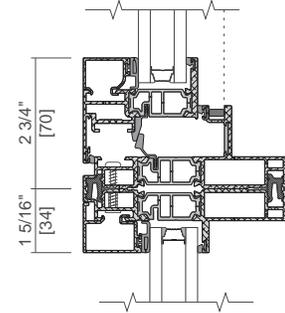
Vista Series Premium Aluminum Casement Windows

Unit Sections - Horizontal Mullion

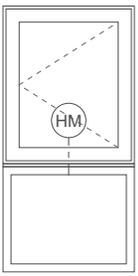


HORIZONTAL TIGHT MULLION

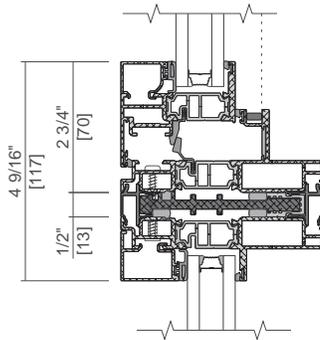
HORIZONTAL MULLION



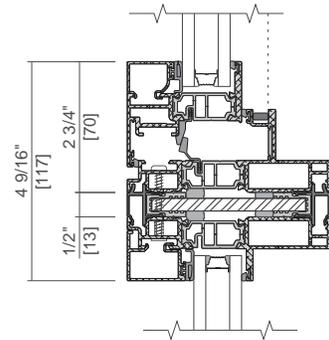
HM - HORIZONTAL TIGHT MULLION



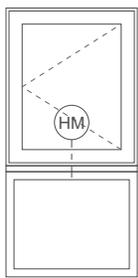
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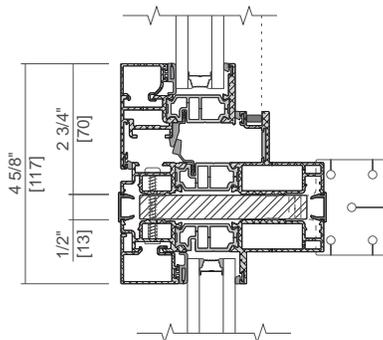
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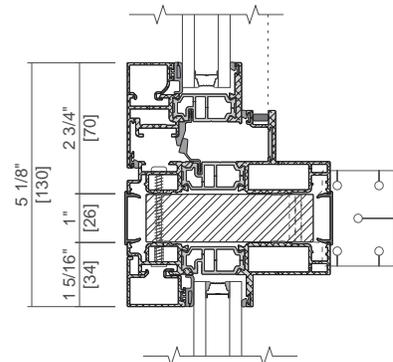
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HORIZONTAL 1\"/>



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HM - HORIZONTAL 1\"/>

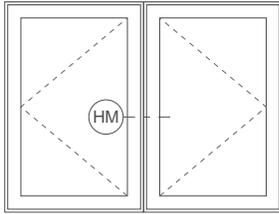
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All dimensions are approximate.



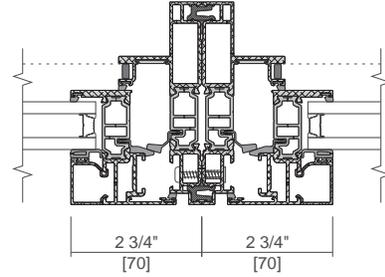
Vista Series Premium Aluminum Casement Windows

Unit Sections - Vertical Mullion

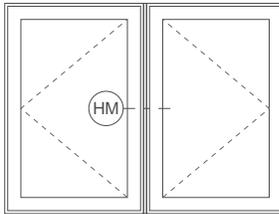


VERTICAL TIGHT MULLION

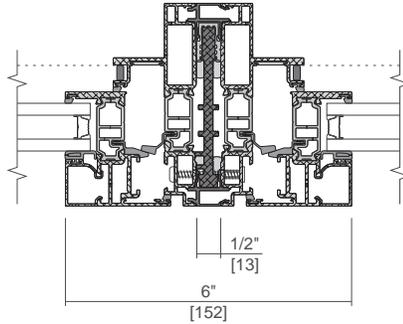
VERTICAL MULLION



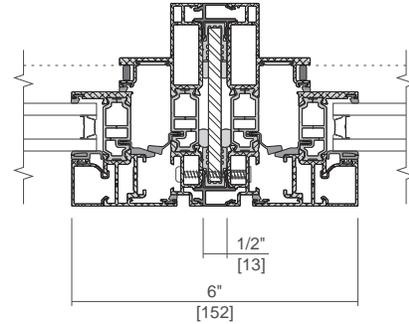
VM - VERTICAL TIGHT MULLION



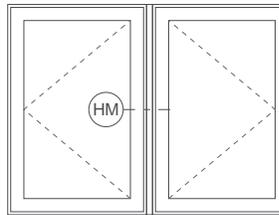
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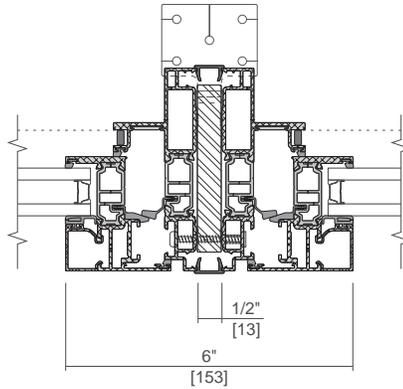
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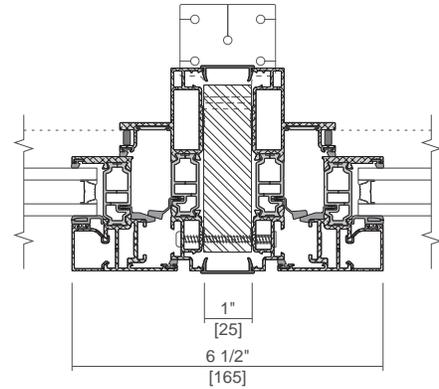
VM - VERTICAL 1/2\"/>



VERTICAL 1\"/>



VM - VERTICAL 1/2\"/>



VM - VERTICAL 1\"/>

Scale 3" = 1' 0"

All dimensions are approximate.