



st. cloud window

Product Selection Guide

			Applications					Specifications						AAMA Rating
			General Purpose	Acoustic	Historic	Impact	Security ATPF	Secondary / Storm	Frame Depth	Glazing	Optimum U-Value SHGC		Optimum STC OITC	
Series	Designator	Product Description												

Vertical Sliding Window															
600	620 DH-II	Double Hung		●	●			●	2.375"	≤ 0.5"	NA	NA	PS	PS	C45
900	920 DH	Vertical Sliding		●					5"	Dual ≤ 0.5"	.31	.18	39-50	27-38	C60
	920i	Impact		●		●	●		5"	Dual ≤ 0.5"	.52	.23	47	33	H-DW-PG70
	920 VB	Venetian Blind		●					6.5"	Dual ≤ 0.5"	.34	.18	39-50	27-38	
	920 A7	High Acoustic		●					7"	Dual ≤ 0.5"	.34	.18	47-55	35-39	C60
	920 A9	Ultra Acoustic		●					9"	Dual ≤ 0.5"	.34	.18	55+	40-47	
3800	3820 SH	Vertical Sliding	●	●					3.875"	1"	.37	.20	28-34	25-30	
5000	5020 SH / DH	Vertical Sliding	●	●	●	●			5"	1 - 1.25"	.40	.19	40	36	AW-PG90
	5020 A11	Vertical Sliding		●	●	●			5"	1 - 1.25"	.40	.19	55-56	44-45	

Horizontal Sliding Window															
600	640 HS-II	Horizontal Sliding		●	●			●	2.375"	≤ 0.5"	PS	PS	PS	PS	
900	940 HS	Horizontal Sliding		●					5"	Dual ≤ 0.5"	.32	.16	39-50	27-38	HS-C60
	940i	Impact		●		●	●		5"	Dual ≤ 0.5"	.43	.23	47	36	HS-DW-PG70
	940 VB	Venetian Blind		●					6"	Dual ≤ 0.5"	.32	.16	39-50	27-38	
	940 A7	High Acoustic		●					7"	Dual ≤ 0.5"	.32	.16	47-54	35-39	
	940 A9	Ultra Acoustic		●					9"	Dual ≤ 0.5"	.32	.16	55+	45-49	
3800	3840 HS	Horizontal Sliding	●						3.875"	1"	.39	.20	32-41	26-32	AW-PG80
5000	5040 HS	Horizontal Sliding	●	●		●			5"	1 - 1.25"	.40	.19	40	36	AW-PG100

Fixed Glass / Matching Hung or Sliding Window															
600	660 FX-II	Fixed		●	●			●	2.375"	0.25 - 1.25"	NA	NA	32-37	26-32	
900	960 FX	Fixed		●					5"	0.5 - 1.25"	.33	.20	44-52	35-44	AW-PG100
	960i	Impact		●		●	●		5"	0.5 - 1.25"	.47	.23	44	37	F-DW-PG70
	960 VB	Venetian Blind		●					6.5"	0.5 - 1.25"	.33	.20	44-52	35-44	
	960 A7	High Acoustic		●					7"	0.5 - 1.25"	.33	.20	49-57	39-45	FW-HC60
	960 A9	Ultra Acoustic		●					9"	0.5 - 1.25"	.33	.20	55+	45-48	
3800	3860 FX	Fixed	●						3.83"	1"	.28	.23	31-38	25-31	
5000	5060 FX	Fixed	●	●	●	●			5"	1 - 1.25"	.40	.19	40	36	

Fixed Glass / Special Window															
500	564 FX	Glass Off-Set/Simulated DH	●		●				5"	1.25"	.39	.31	PS	PS	AW-PG100
	564 FX	Anti-Terrorism/Force Protection				●	●		5"	1.25"	.39	.31	PS	PS	AW-PG70

Fixed Glass / Removable Sash Window															
300	380 FR-II	Fixed Removable Sash		●	●			●	1.375"	≤ 0.5"	NA	NA	30/28	30/28	
600	680 FR-II	Fixed Removable Sash		●	●			●	2.375"	≤ 0.5"	NA	NA	30-34	27-31	
900	980 FR	Fixed Removable Sash		●					5"	≤ 0.5"	.33	.20	26-34	27-32	
	980 VB	FR with Venetian Blind		●					6.5"	≤ 0.5"	.33	.20	26-34	27-32	



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Series	Designator	Product Description								U-Value	SHGC	STC	OITC		
Projecting / Outswing Awning Window															
3000	3010 PW	Awning	●	●	●				3"	1" - 1.5"	.32-.37	.13-.29	34-41	26-34	AW-PG100
3500	3510 PW	Awning	●	●					3.5"	1" - 1.5"	.37-.41	.17-.25	33-46	26-36	
	3510 AC	High Acoustic	●	●					3.5"	1" - 1.5"	.33-.39	.13-.24	48	39	
	3510 VB	Venetian Blind	●	●					3.5"	1" - 1.5"	.33-.41	.13-.25	33-48	26-39*	
Projecting / Inswing Hopper Window															
3000	3030 PW	Hopper	●	●	●				3"	1" - 1.5"	.33-.37	.13-.29	33-43	26-35	AW-PG100
3500	3530 PW	Hopper	●	●					3.5"	1" - 1.5"	.38-.42	.17-.25	33-46	26-36	AW-PG100
	3530 AC	High Acoustic	●	●					3.5"	1" - 1.5"	.34-.36	.13-.21	47	39	
	3530 VB	Venetian Blind	●	●					3.5"	1" - 1.5"	.34-.42	.13-.25	33-47	26-39*	
Projecting / Casement Window															
200	250 PW-II	Casement Inswing		●			●	●	2.5"	≤ 0.5"	NA	NA	PS	PS	ANSI Z97.1-09
3000	3010 PW	Casement Outswing	●	●	●				3"	1" - 1.5"	.32-.37	.13-.29	33-42	26-35	AW-PG100
	3030 PW	Casement Inswing	●	●	●				3"	1" - 1.5"	.33-.37	.13-.29	33-42	26-35	
3500	3510 PW	Csmt Outswing	●	●		●	●		3.5"	1" - 1.5"	.37-.41	.17-.25	33-46	26-36	AW-PG85
	3510 AC	Csmt Outswing High Acoustic	●	●		●	●		3.5"	1" - 1.5"	.33-.39	.13-.24	48	39	
	3510 VB	Csmt Outswing Venetian Blind	●	●		●	●		3.5"	1" - 1.5"	.33-.41	.13-.25	33-48	26-39*	
	3530 PW	Csmt Inswing	●	●			●		3.5"	1" - 1.5"	.38-.42	.17-.25	33-46	26-36	AW-PG100
	3530 AC	Csmt Inswing High Acoustic	●	●			●		3.5"	1" - 1.5"	.34-.36	.13-.21	47	39	
	3530 VB	Csmt Inswing Venetian Blind	●	●			●		3.5"	1" - 1.5"	.34-.42	.13-.25	33-47	26-39*	
Projecting / Tilt Turn Window															
3500	3530 TT	Tilt Turn	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-40	26-39	AW-PG100
	3530 TT AC	Tilt Turn High Acoustic	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-47	26-39	
	3530 TT VB	Tilt Turn Venetian Blind	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-47	26-39	
Fixed Glass / Matching Projecting Window															
3000	3060 FX	Fixed	●	●	●				3"	1" - 1.5"	.25-.31	.16-.36	31-41	24-34	AW-PG100
3500	3560 FX	Fixed	●	●		●	●		3.5"	1" - 1.5"	.23	.18	PS	PS	AW-PG100
	3560 AC	High Acoustic	●	●		●	●		3.5"	1" - 1.5"	.23	.18	PS	PS	
	3560 VB	Venetian Blind	●	●		●	●		3.5"	1" - 1.5"	.23	.18	PS	PS	



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Terrace Door															
3000	3000 TD	Terrace Door	●	●	●				3"	1" - 1.5"	.32-.37	.13-.27	36-45	29-36	AW-PG100
	3000 TD FX	Fixed Side Lite Transom	●	●	●				3"	1" - 1.5"	.25-.31	.16-.36	31-41	24-34	
7000	7000 TD	Ultra Acoustic		●	●				11.38"	1" IG (x2)	PS	PS	59	48	AW-70
	7000 TD FX	Fixed Side Lite Transom		●	●				11.38"	1" IG (x2)	PS	PS	59	48	

Sliding Glass Door															
5000	5000 SGD	Double Sliding	●	●		●			5"	1.125" - 1.5"	.33-.51	.14-.55	41	33	CW-PG30
	5000 SGD FX	Fixed Side Lite Transom	●	●		●			5"	1.125" - 1.5"	.33-.51	.14-.55	41	33	

Acoustic Curtain Wall															
9000	9000 A9	Curtain Wall		●					9"	1" IG + 0.5"	.21-.55	.20-.55	52	45	
	9000 A12	Curtain Wall		●					12"	1" IG + 0.5"	.21-.55	.20-.55	PS	PS	

Notes

- 1 Available accessories and components include: venetian blinds, panning, mullions, screens, trim, muntins, hardware, and installation components.
- 2 Series with 3-digit nomenclature have thermal barriers that are either non-structural, pour-and-debridge or non-thermal.
- 3 Series with 4-digit nomenclature have fiber-reinforced polyamide insulbar structural thermal barriers.
- 4 Glazing configuration used achieve performance values may not be available for all project applications due to thermal requirements.
- 5 Most St. Cloud Window products are acoustically rated. Please inquire for specific performance information.
- 6 Certified performance test reports are available upon request.
- 7 All designs, details and specifications are copyrighted by St. Cloud Window, Inc. All rights reserved.

NA Not Available

PS Project Specific

* Test data specific to venetian blinds not available

