



st. cloud window

Product Selection Guide



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PRODUCT SELECTION GUIDE

APPLICATIONS

SPECIFICATIONS

General Purpose	Acoustic	Historic	Impact	Security ATFP	Secondary / Storm	Frame Depth	Glazing	Optimum		Optimum		FGIA Rating
								U-Value	SHGC	STC	OITC	

Series Designator Product Description

Vertical Sliding Window															
600	620	Vertical Sliding		●	●			●	2.375"	≤ 0.5"	NA	NA	PS	PS	HC-PG45
900	920	Vertical Sliding		●					5"	Dual ≤ 0.5"	.31	.18	39-50	27-38	HC-PG60
	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+	40-42	
4000	4020	Vertical Sliding	●	●		●	●		4"	1 - 1.25"	.35-.58	.12-.54	28-44	22-37	AW-PG70
5000	5020	Vertical Sliding	●	●	●	●			5"	1 - 1.25"	.40	.19	40	36	AW-PG90
	5020 A11	High Acoustic		●	●	●			5"	1 - 1.25"	.40	.19	55-56	44-45	

Horizontal Sliding Window															
600	640	Horizontal Sliding		●	●			●	2.375"	≤ 0.5"	PS	PS	PS	PS	
900	940	Horizontal Sliding		●					5"	Dual ≤ 0.5"	.32	.16	39-50	27-38	HC-PG60
	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	
4000	4040	Horizontal Sliding	●	●		●	●		4"	1 - 1.25"	.35-.58	.12-.54	34-44	26-35	AW-PG50/DP70
5000	5040	Horizontal Sliding	●	●		●			5"	1 - 1.25"	.40	.19	40	36	AW-PG100

Fixed Glass / To match Vertical or Horizontal Sliding Window															
600	660	Fixed		●	●			●	2.375"	0.25 - 1.25"	NA	NA	32-37	26-32	
900	960	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-C60
	960 A9	Ultra Acoustic		●					9"	0.5 - 1.25"	.33	.20	55+	45-48	
4000	4060	Fixed	●	●		●	●		4"	1 - 1.25"	.24-.56	.12-.54	32-51	26-42	AW-PG70
5000	5060	Fixed	●	●	●	●			5"	1 - 1.25"	.40	.19	40	36	

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

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



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Series Designator Product Description

Projecting / Outswing Awning Window															
3000	3010	Awning	●	●	●				3"	1" - 1.5"	.32-.37	.13-.29	34-41	26-34	AW-PG100
3500	3510	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	Hopper	●	●	●				3"	1" - 1.5"	.33-.37	.13-.29	33-43	26-35	AW-PG100
3500	3530	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	Casement Inswing		●			●	●	2.5"	≤ 0.5"	NA	NA	PS	PS	ANSI Z97.1-09
3000	3010	Casement Outswing	●	●	●				3"	1" - 1.5"	.32-.37	.13-.29	33-42	26-35	AW-PG90
	3030	Casement Inswing	●	●	●				3"	1" - 1.5"	.32-.37	.13-.29	33-42	26-35	AW-PG80
3500	3510	Casement Outswing	●	●		●	●		3.5"	1" - 1.5"	.37-.41	.17-.25	33-46	26-36	AW-PG85
	3510 AC	Outswing High Acoustic	●	●		●	●		3.5"	1" - 1.5"	.33-.39	.13-.24	48	39	
	3510 VB	Outswing Venetian Blind	●	●		●	●		3.5"	1" - 1.5"	.33-.41	.13-.25	33-48	26-39*	
	3530	Casement Inswing	●	●			●		3.5"	1" - 1.5"	.38-.42	.17-.25	33-46	26-36	AW-PG100
	3530 AC	Inswing High Acoustic	●	●			●		3.5"	1" - 1.5"	.34-.36	.13-.21	47	39	
	3530 VB	Inswing Venetian Blind	●	●			●		3.5"	1" - 1.5"	.34-.42	.13-.25	33-47	26-39*	

Projecting / Tilt Turn Window															
3500	3530	Tilt Turn	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-40	26-39	AW-PG100
	3530 AC	High Acoustic	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-47	26-39	
	3530 VB	Venetian Blind	●	●		PS	●		3.5"	1" - 1.5"	.34-.42	.13	33-47	26-39	

Fixed Glass / To match Projecting Window															
3000	3060	Fixed	●	●	●				3"	1" - 1.5"	.25-.31	.16-.36	31-41	24-34	AW-PG100
3500	3560	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-PG75
	3060	Fixed Side Lite Transom	●	●	●				3"	1" - 1.5"	.25-.31	.16-.36	31-41	24-34	AW-PG100
	3000 A12 TD	Terrace Door		●	●				12"	1" IG + 0.5"	PS	PS	61-62	49-51	
	3060	Fixed Side Lite Transom		●	●				12"	1" IG + 0.5"	PS	PS	61-62	49-51	

Sliding Glass Door															
5000	5000SGD	Sliding Glass Door	●	●		●			5"	1.125" - 1.5"	.33-.51	.14-.55	41	33	AW-PG40
	5060	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	54	47	AW-PG100
	9000 A12	Curtain Wall		●					12"	1" IG + 0.5"	.21-.55	.20-.55	PS	PS	

Storefront & Entrance System															
4500	4500 SF	Storefront	●		●				4.5"	1"	NA	NA	NA	NA	AW-PG100
	4500 E	Entrance Door	●		●				4.5"	1"	PS	PS	PS	PS	PS

Notes

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

PS - Project Specific

* - Test data specific to venetian blinds not available

