



# Sierra Pacific Windows -- Wisconsin Division Vinyl Products (Non-Impact)

Product	Size/Unit Type Tested	Design Pressure (DP) Rating	Air Infiltration (CFM)	Water Penetration (PSF)	Structural Test Pressure (PSF)	Upgrades Required / Special Notes	Test Report Number	Hallmark Certification Listing #	Florida Product Approval #	TDI Approval #	
<b>CASEMENT / AWNING</b>	<b>8000 Series Casement Operator</b>	35.5"x71.5" O.A. Frame Size (36x72 call-out) Single Units Only	+50/-80 Class LC-PG50 -- 36"x72" - C	0.03	7.50	+120/-120	None	ESP009678P-1224	448-P-004.11	15760.1	WIN-1827
	<b>8000 Series Casement Operator (Mulled 2-Wide)</b>	35.5" x 71.5" Individual Frame Size (Single/Mulled Units)	+50/-55 Class LC-PG50 72"x72" - C	0.08	7.50	+75/-82.5	Mull consists of box units utilizing 1/2" oak vertical mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP010199P-1253	448-P-004.14	15760.2	WIN-1827
	<b>8000 Series 2-Wide Casement w/Casement Transom</b>	70.375"x95" Overall (2-wide 36x60 casement; 70.375"x35" transom)	+45/-45 Class LC-PG45 70"x95"-MA	0.09	6.89	+67.5/-67.5	Continuous Hd & Sill Csmt Oper Frame; Horizontal 1/4"x3" aluminum mull 2-pc. Interlocking alum mull. Frame Anchors at Mull Ends Required	ESP017859P-1617	448-H-004.02	17374.1	
	<b>3-Wide Csmt XOx w/Csmt Transom--Cont Hd &amp; Sill; 28/58/28 x 60 call-out stacked below 3-wide 28/58/28 x 22</b>	115.5" x 59.5" Csmt Oper Frame Size; 115.5x22.5" Trans Frame Size (Single/Mulled Units)	+40/-40 Class LC-PG40 115.5"x82" - OA	0.11	6.06	+60.15/-60.15	Continuous Hd & Sill Csmt Oper & Fixed Frames w/vertical impost mulls; Horizontal mull comprised of 1/4"x3" steel plate mull 2-pc interlocking alum mull. Frame Anchors at Mull Ends Required	ESP017860P-1618	448-H-004.03	17374.2	
	<b>8000 Series Operable Casement/Fixed Casement w/Fixed Casement Mulled Above</b>	23"x60"/47"x60" Operator/Fixed Casement with 70"x35" Fixed Casement Transom Stacked Above	+50/-65 Class LC-PG50 70"x95" - OA	0.04	7.52	+75/-97.74	Continuous Hd & Sill Operator/Fixed Frame with 2-Piece horizontal aluminum mull. Frame Anchors at Mull Ends Required	ESP018263P-1640	448-P-004.12	17511.2	
	<b>8000 3-Wide Casements Combination Mulled Above 3-Wide Casements</b>	28"x60"/60"x60" (115.5"x59.5") XOx Csmt w/115.5"x22.375" Fixed Csmt Below	+40/-40 Class LC-PG40 116"x82" - OA	0.07	7.52	+60.15/-60.15	Continuous Hd & Sill Operator/Fixed Frame with 2-Piece horizontal aluminum mull. Frame Anchors at Mull Ends Required	ESP018285P-1641	448-P-004.09	17511.1	
	<b>8000 Vinyl Oper/Fixed Csmt (23x60" Oper/47x59.5") Fixed Mulled Below Fixed Csmt Transom (70.38"x35") Horiz. Oak Mull (OA Mulled Unit Size of 70"x95")</b>	70.38" x95.0" O.A. Frame Size (70x95 call-out) Single Units Only	+45/-40 Class LC-PG40 - 70"x95" - MA	0.04	7.52	+67.67/-60.15	Continuous Hd & Sill Operator/Fixed Frame with horizontal Oak mull. Frame Anchors at Mull Ends Required	ESP018262P-1639	448-H-004.08	17511.3	
	<b>8000 Series Casement/Awning Picture w/Integral Mull 70-3/8 x 17-1/2</b>	70.38" x 17.5" O.A. Unit Size Single Units Only	+50/-50 Class LC-PG50 70"x18"	0.06	7.52	+75.19/-75.19	None	ESP017844P-1616	448-H-004.04	17642.2	
	<b>8000 Series Awning</b>	47.5" x 35.5" O.A. Frame Size (48x36 call-out) Single Units Only	+50/-70 Class LC-PG50 48"x36"-AP	0.02	7.50	+105/-105	None	ESP009874P-1240	448-P-016.02	15759.2	WIN-1827
	<b>8000 Series Awning</b>	47.5" x 35.5" Individual Frame Size (Single/Mulled Units)	+50/-50 Class CW-PG50 96"x36" - AP	0.14	7.50	+90/-75	Mull consists of box units utilizing 1/2" oak mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP009986P-1245	448-P-016.03	15759.1	WIN-1827
<b>8000 Series Casement-Awning Picture</b>	71.5" x 59.5" O.A. Unit Size Single Units Only	+50/-50 Class FW-LC-PG50 72"x60"	0.04	7.50	+75/-75	None	ESP009876P-1242	448-H-009.00	16014.1		
<b>DIRECT SETS</b>	<b>8000 Premium Series Direct Set</b>	84" x 72" O.A. Frame Size Single Units Only	+30/-30 Class CW-PG30 84"x72"	0.01	7.50	+52.5/-45	None	ESP012287P-1374	448-H-014.00	16322.1	WIN-1841
	<b>8000 Premium Vinyl Direct Set</b>	48" x 72" Ind. Frame Size (Single/Mulled Units)	+50/-50 Class LC-PG50 97"x72"	0.01	7.50	+75/-75	1/2" oak mull - Frame Anchors at Mull Ends Required	ESP012841P-1398	448-H-014.02	16322.3	WIN-1841
	<b>8000 Vinyl Direct Set 1w2h Stack (72"x66" DS Stacked Above 72"x24" DS) OA Unit Size 72"x90"</b>	72" x 90" O.A. Mull Size	+30/-30 Class LC-PG30 72"x90"	0.01	4.59	+45.11/-45.11	1/2" Horizontal Oak Mulls -- Installation Reflective of Sill Pan Installation. Frame Anchors at Mull Ends Required	ESP018320P-1644	448-H-014.03	17642.1	
	<b>8000 Vinyl Direct Set</b>	54" x 72" O.A. Frame Size Single Units Only	+50/-55 Class CW-PG50 54"x72"	0.01	7.50	+90/-82.5	None	ESP012802P-1395	448-H-014.01	16322.2	WIN-1841

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<b>SINGLE HUNG</b>	<b>Builders Series Single Hung</b>	41.5" x 71.5" O.A. Frame Size (42x72 call-out) Single Units Only	+35/-45 Class R-PG35 42"x72" - H	0.12	7.50	+52.5/-67.5	None	ESP011150P-1309	448-H-012.01	16013.1	
	<b>Builder Series Single Hung</b>	71" x 72" O.A. Frame Size (36x72 call-out) Single/Mulled Units	+25/-25 Class R-PG25 71"x72" - H	0.13	6.06	+37.59/-37.59	Continuous head and sill with impost mull; qualifies 2-wide units only. Standard product--no reinf. Frame Anchors at Mull Ends Required	ATI C1046.01-602-44	448-P-012.05	16013.2	
	<b>Builder Series Single Hung w/Reinf Mull</b>	71" x 72" O.A. Frame Size (36x72 call-out) Single/2-Wide Units	+35/-35 Class R-PG35 71"x72" - H	0.17	5.25	+52.5/-52.5	Requires Reinforcement -- Custom Quote Required. Continuous head & sill with .052" galvanized steel reinforced impost mull. Qualifies 2-wide units only. Frame Anchors at Mull Ends Required	ESP012842P-1399	448-H-012.02	16362.1	WIN-1848
	<b>Builder Series Single Hung w/Upgraded Mull Reinforcement</b>	107" x 72" O.A. Frame Size (36x72 call-out) Single/3-Wide Units	+35/-35 Class R-PG35 107"x72" - H	0.13	5.25	+60/-52.5	Custom Quote Required. Continuous head & sill with .108" galvanized steel reinforced impost mull. Qualifies 3-wide units only. Frame Anchors at Mull Ends Required	ESP012915P-1407.1	448-H-012.04	16684.1	WIN-1848
	<b>Builder Series Single Hung w/Reinf Mull</b>	107" x 72" O.A. Frame Size (36x72 call-out) Single/3-Wide Units	+30/-30 Class R-PG30 107"x72" - H	0.13	5.25	+45/-45	Mull consists of .052" galvanized steel reinforced impost mull. Requires custom quoting. Qualifies 3-wide units only. Frame Anchors at Mull Ends Required	ESP012915P-1407	448-H-012.03	16362.3	WIN-1848
	<b>Designer Series Single Hung 2-Wide w/Sill Pan Installation</b>	71.5" x 65.5" O.A. Frame Size (72x66 call-out) Single/2-Wide Units	+30/-40 Class LC-PG30 72"x66" - H	0.06	4.59	+45.11/-60.15	With sill pan installation. Frame Anchors at Mull Ends Required	ESP018321P-1645 Update A	448-P-002.11	17509.1	
	<b>Designer Series Single Hung</b>	47.5" x 77.5" O.A. Frame Size (48x78 call-out) Single Units Only	+30/-30 Class LC-PG30 48"x78" - H	0.19	5.25	+52.5/-45	None	ESP009622P-1222	448-P-002.08	15763.1	WIN-1825
	<b>Designer Series Single Hung</b>	35.5" x 71.5" Individual Frame Size (Single/Mulled Units)	+50/-50 Class LC-PG50 72"x72" - H	0.05	7.50	+82.5/-75	Mull consists of box units utilizing 1/2" oak mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP010122P-1249	448-P002.09	15763.2	WIN-1825
	<b>Designer Series Single Hung</b>	47.5" x 77.5" Individual Frame Size Single/Mulled Units	+30/-35 Class LC-PG30 96"x78" - H	0.11	5.25	+45/-52.5	Mull consists of box units utilizing 1/2" oak mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP010121P-1248	448-P-002.10	15763.3	WIN-1825
	<b>Designer Series Single Hung 2-Wide w/Transoms Windows Above</b>	71.5" x 95.5" O.A. Frame Size (3-0x6-0 Twin w/ 3-0x2-0 Transom)	+35/-45 Class LC-PG35 72"x96" - MA	0.06	5.43	+75.19/-67.67	Horizontal mull consists of 1/4" x 3" alum plate mull 2 pc. Interlocking alum mull; vertical mulls consist of 1/2" oak. Frame Anchors at Mull Ends Required	ESP016886P-1564	448-H-002.04	N/A	
<b>Designer Series Single Hung 3-Wide w/Picture Windows Above</b>	107.5" x 95.5" O.A. Frame Size (108x96 call-out)	+35/-45 Class LC-PG35 108"x96" - H	0.05	5.43	+67.67/-67.67	1/2" oak horizontal mulls; 2-piece alum vertical mulls full height of mull configuration. Frame Anchors at Mull Ends Required	ESP016904P-1565	448-P-002.12	17311.1		
<b>DOUBLE HUNG</b>	<b>Premium Series Double Hung</b>	47.5" x 83.5" O.A. Frame Size (48x84 call-out) Single Units Only	+35/-40 Class LC-PG35 48"x84" - H	0.16	5.25	+60/-60	None	ESP009624P-1223	448-P-003.04	15787.3	WIN-1765
	<b>Premium Series Double Hung</b>	35.5" x 71.5" Individual Unit Size Single/Mulled Units	+50/-65 Class LC-PG50 72"x72" - H	0.17	7.50	+75/-97.5	Mull consists of box units utilizing 1/2" vertical oak mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP011372P-1322	448-H-003.03	15787.1	WIN-1765
	<b>Premium Series Double Hung</b>	47.5" x 83.5" Individual Unit Size Single/Mulled Units	+25/-30 Class LC-PG25 96"x84" - H	0.15	5.25	+37.5/-45	Mull consists of box units utilizing 1/2" vertical oak mull. Qualifies multiple-wide units. Frame Anchors at Mull Ends Required	ESP010225P-1256	448-P-003.05	15787.2	WIN-1765



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<b>SH/DH/SLIDER PICTURE</b>	<b>Builders Series Single Hung/Slider Picture</b>	59.5" x 71.5" O.A. Frame Size (60x72 call-out) Single Units Only	+40/-40 Class CW-PG40 60"x72" - FW	0.03	7.50	+60/-60	None	ESP010752P-1290	448-H-011.00	16014.2	
	<b>Designer Series Single Hung/Slider Picture</b>	47.5" x 65.5" O.A. Frame Size (48x66 call-out) Single Units Only	+50/-75 Class CW-PG50 48"x66" - FW	<.01	7.50	+112.5/-112.5	None	ESP009682P-1227	448-P-007.03	15761.1	WIN-1807
	<b>Designer Series Single Hung/Slider Picture</b>	71.5" x 59.5" O.A. Frame Size (72x60 call-out) Single Units Only	+50/-70 Class CW-PG50 72"x60" - FW	<.01	7.50	+97.5/-105	None	ESP009681P-1226	448-P-007.02	15761.2	WIN-1807
	<b>Premium Series DH/Slider Picture</b>	95.5" x 53.5" O.A. Frame Size (96x54 call-out) Single Units Only	+35/-35 Class R-PG35 96"x54" - FW	0.01	7.50	+60/-52.5	None	ESP009552P-1217	448-P-010.03	16014.5	WIN-1764
	<b>Premium Series DH/Slider Picture</b>	59.5" x 71.5" O.A. Frame Size (60x72 call-out) Single Units Only	+35/-35 Class CW-PG35 60"x72" - FW	0.01	7.50	+52.5/-52.5	Frame Anchors at Mull Ends Required	ESP009554P-1218	448-H-010.01	16014.3	WIN-1764
	<b>Premium Series DH/Slider Picture</b>	59.5" x 71.5" O.A. Frame Size (60x72 call-out) Single Units Only	+50/-55 Class CW-PG50 60"x72" - FW	0.01	7.50	+90/-82.5	Frame Anchors at Mull Ends Required +50/-55. Std install = DP35	ESP009554P-1218	448-H-010.02	16014.4	WIN-1764
<b>HORIZONTAL SLIDER</b>	<b>Builder Series Single Slider</b>	71.5" x 59.5" O.A. Frame Size (72x60 call-out) Single Units Only	+20/-20 Class R-PG20 72"x60" - HS	0.14	3.75	+30/-30	None	C2397.01-602-44	448-P-013.02	16015.1	
	<b>8000 Builders Vinyl Single Slider</b>	71.5" x 47.5" O.A. Frame Size (72x48 call-out) Single Units Only	+35/-40 Class R-PG35 72"x48" - HS	0.08	5.25	+60/-60	None	ESP010413P-1262	448-H-013.01	16362.1	WIN-1840
	<b>Designer Series Single Slider</b>	77.5" x 59.5" O.A. Frame Size (78x60 call-out) Single Units Only	+30/-30 Class LC-PG30 78"x60" - HS	0.18	6.00	+45/-45	None	ESP009679P-1225	448-P-005.06	15762.1	WIN-1766
	<b>Designer Series Single Slider</b>	71.5" x 71.5" O.A. Frame Size (72x72 call-out) Single Units Only	+25/-25 Class LC-PG25 72"x72" - HS	0.07	5.43	+37.5/-37.5	None	ESP013862P-1442	448-H-005.03	16694.1	
	<b>Designer Series Single Slider w/Transom</b>	60" x 60" w/Fixed Vinyl Single Slider Stacked Above 60"x30" Plywood Mull	+40/-45 Class LC-PG40 60"x90" - HS	0.06	6.06	+60.15/-67.67	Mull consists of pict window stacked above sgl sldr utilizing 1/2" horizontal oak mull. Frame Anchors at Mull Ends Required	ESP016905P-1566	448H-005.04	17334.1	
	<b>Designer Series Triple Slider</b>	95.5" x 59.5" O.A. Frame Size (96x60 call-out) Single Units Only	+35/-40 Class HS-LC35 96"x60" - HS	0.09	5.25	+52.5/-60	None	ESP010208P-1254	448-P-005.07	16015.2	WIN-1766
	<b>Premium Series Double Slider</b>	71.5" x 41.5" O.A. Frame Size (72x42 call-out) Single Units Only	+40/-50 Class LC-PG40 72"x42" - HS	0.12	6.00	+67.5/-75	Frame Anchors Required at Center of Head	ESP009581P-1221	448-H-001.05	15762.2	WIN-1826
	<b>Premium Series Double Slider</b>	59.5" x 47.5" O.A. Frame Size (60x48 call-out) Single Units Only	+45/-45 Class LC-PG45 60"x48" - HS	0.14	6.89	+67.67/-67.67	None	E0682.01-602-44	448-H-001.02	17334.2	
	<b>Premium Series Double Slider</b>	77.5" x 59.5" O.A. Frame Size (78x60 call-out) Single Units Only	+25/-30 Class LC-PG25 78"x60" - HS	0.12	6.00	+37.5/-45	None	ESP009580P-1220	448-H-001.04	15762.3	WIN-1826



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<b>VINYL SLIDING PATIO DOOR</b>	<b>8000 Vinyl Sliding Patio Door</b>	71.5" x 81.5" O.A. Frame Size (72x82 call-out) Single Units Only	+20/-20 Class R-PG20 - 72"x82" - SD	0.09	5.25	+30/-30	Standard Product Configuration--No Upgrade Required .050" Galvanized steel reinf in active lock stiles and stationary meeting stile.	ESP012702P-1390	448-H-015.00	16361.1	
	<b>8000 Vinyl Sliding Patio Door</b>	75.5" x 81.5" O.A. Frame Size (6-4x6-10 call-out) Single Units Only	No Testing / Rating When Produced As Standard	-	-	-	Standard Product Configuration--Not tested or rated for this width. Requires DP upgrade to be rated (R-PG40).	-	-	-	
	<b>850 Vinyl 3-Wide Composite Sliding Patio Door</b>	106.75" x 81.5" O.A. Frame Size (107x82 call-out) Single Units Only	+35/-35 Class LC-PG35 - 107"x82" - SD	0.07	6.06	+52.63/-52.63	Select DP Upgrade in E-Bid. .050" Galvanized steel reinf in active panel stiles and .108" steel tube in stationary frame mullion.	ESP017931P-1621	448-H-015.05	17513.1	
	<b>8000 Vinyl 3-Wide Composite Sliding Patio Door w/Sill Pan Installation 107x96</b>	106.81" x95.5" O.A. Frame Size (107x96 call-out) Single Units Only	+30/-30 Class LC-PG30 - 107"x96" - SD	0.03	4.59	+45.11/-45.11	Standard Product Configuration--No Upgrade Required. .108" Galvanized steel reinf in active lock stile; .108" steel channel at active meeting stile and .108" steel tube in stationary frame mullion.	ESP018319P-1643	448-H-015.04	17513.1	
	<b>850 Vinyl Sliding Patio Door 8'0x8'0 without Sill Dam Ramp</b>	95.63" x 95.63" O.A. Frame Size (96x96 call-out) Single Units Only	+30/-30 Class LC-PG30 - 96"x96" - SD	0.05	5.43	+45.11/-45.11	Standard Product Configuration--No Upgrade Required. .108" Galvanized steel reinf in active lock stile; .108" steel channel at active meeting stile and .108" steel tube in stationary frame mullion.	ESP018534P-1657	448-H-015.06	17513.3	
	<b>850 Vinyl Sliding Patio Door</b>	95.5" x 95.5" O.A. Frame Size (96x96 call-out) Single Units Only	+30/-30 Class LC-PG30 - 96"x96" - SD	0.09	5.43	+30/-30	Standard Product Configuration--No Upgrade Required. .108" Galvanized steel reinf in active lock stile; .108" steel channel at active meeting stile and .108" steel tube in stationary frame mullion.	D9607.01-602-44	448-H-015.03	17310.1	
	<b>8000 Vinyl Sliding Patio Door</b>	75.5" x 95.5" O.A. Frame Size (76x96 call-out) Single Units Only	+35/-40 Class R-PG35 - 76"x96" - SD	0.03	5.25	+60/-60	Standard Product Configuration--No Upgrade Required. .108" Galvanized steel reinf in active lock stile; .108" steel channel at active meeting stile and .108" steel tube in stationary frame mullion.	ESP013315P-1424	448-H-015.01	16361.2	
	<b>8000 Vinyl Sliding Patio Door (DP Upgrade)</b>	75.5" x 81.5" O.A. Frame Size (76x82 call-out) Single Units Only	+40/-50 Class R-PG40 - 76"x82" - SD	0.03	6.00	+75/-75	Select DP Upgrade in E-Bid. .050" Galvanized steel reinf in active panel stiles and .108" steel tube in stationary frame mullion.	ESP013935P-1443	448-H-015.02	16682.1	
	<b>850 Vinyl 4-Wide Composite Sliding Patio Door</b>	141.38" x 95.5" O.A. Frame Size (141x96 call-out) Single Units Only	+25/-25 Class LC-PG25 - 141"x96" - SD	0.07	5.43	+37.59/-37.59	Select DP Upgrade in E-Bid. .050" Galvanized steel reinf in active panel stiles and .108" steel tube in stationary frame mullion.	ESP022393P-1897	448-H-015.07	Pending	



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