

5500 Reflections Product Series

Air-Water-Structural Performance



Product	Window Type	Series/Model #	Test Size	Rating	Reinforcement	Air Infiltration (cfm/sq. ft)	Water Pressure (psf)	Structural Pressure (psf)	Florida Approval	TDI Approval	Test Report Number	Specification Type
Awning	Standard	08-08, 08-09	60 x 36	R-PG50		.01	8.25	+50/-50	5185	WIN-1199	B2264.01	Standard-AAMA 101
Awning	Standard	08-08, 08-09	53 x 26	R-PG55		.01	8.25	+55/-55	5185	WIN-1199	B2264.01	Standard-AAMA 101
Bottom Hinge	Standard	08-09	48 x 32	R-PG25		.16	3.75	+25/-25	N/A	WIN-1019	C4255.01	Standard-AAMA 101
Casement	Standard	08-08, 08-09	36 x 72	R-PG40		.01	6.00	+40/-40	107	WIN-1309	A9271.01	Standard-AAMA 101
Casement	Standard	08-08, 08-09	36 x 80	R-PG50		.07	8.25	+50/-50	107	WIN-1309	C9011.01	Standard-AAMA 101
Casement	Standard	08-08, 08-09	36 x 72	R-PG55		.07	8.25	+55/-55	107	WIN-1309	C9011.01	Standard-AAMA 101
Casement	Integral Mull	08-08, 08-09	101 x 63	R-PG50		.05	7.50	+50/-50	107	WIN-1309	B2269.01	Standard-AAMA 101
Casement	Integral Mull	08-08, 08-09	107 x 72	R-PG45		.04	6.75	+45/-45	107	WIN-1309	C4254.01	Standard-AAMA 101
Casement	Standard	08-09	36 x 72	R-PG55		.01	8.25	+55/-55	107	WIN-1309	A4519.01	Standard-AAMA 101
Casement	Integral Mull	08-09	105 x 63	R-PG50		.09	7.5	+50/-50	107	WIN-1309	C7753.01	Standard-AAMA 101
Casement Fixed	Standard	08-08, 08-09	96 x 72	LC-PG25		.01	3.75	+25/-25	5177	WIN-2131	C7749.01	Standard-AAMA 101
Casement Fixed	Standard	08-08, 08-09	74 x 63	LC-PG55		.01	8.25	+55/-55	5177	WIN-2131	C7749.01	Standard-AAMA 101
Casement Fixed	Standard	08-09	96 x 72	LC-PG55		.01	8.35	+55/-55	5177	WIN-2131	SIM-046-03-02	Standard-AAMA 101
Casement Fixed	Standard	08-09	80 x 63	LC-PG60		.01	9.19	+60/-60	5177	WIN-2131	SIM-046-03-02	Standard-AAMA 101
Double Hung	Standard	07-09	44 x 64	R-PG50		.18	7.50	+50/-50	5167	N/A	C3513.01	Standard-AAMA 101
Double Hung	Standard	07-09	48 x 80	R-PG25		.14	3.75	+25/-25	5167	WIN-1308	C5631.01	Standard-AAMA 101
Double Hung	Standard	07-09	36 x 63	R-PG50		.19	7.5	+50/-50	5167	WIN-1308	C5631.01	Standard-AAMA 101
Double Hung	Standard	07-09	56 x 84	R-PG25	A2	.08	3.75	+25/-25	5167	WIN-1308	C9037.01	Standard-AAMA 101
Double Hung	Standard	07-09	37 x 76	R-PG65	A9	.17	9.75	+65/-65	5167	WIN-1308	D0296.01	Standard-AAMA 101
Double Hung	Standard	07-75	53 x 80	R-PG15		.14	2.86	+15/-15	N/A	N/A	B1966.01	Standard-AAMA 101
Double Hung	Standard	07-75	48 x 80	R-PG35	A2	.12	5.25	+35/-35	5167	WIN-1371	D2914.01	Standard-AAMA 101
Double Hung	Standard	07-75	53 x 74	R-PG30	A2	.12	4.50	+30/-30	5167	WIN-1371	D2916.01	Standard-AAMA 101
Double Hung	Standard	75-75	36 x 74	LC-PG50	A2	.15	7.5	+50/-50	5167	WIN-1308	C2266.01	Standard-AAMA 101
Double Hung	Standard	75-75	48 x 80	LC-PG25		.18	3.75	+25/-25	5167	WIN-1308	C9020.01	Standard-AAMA 101
Double Hung	Standard	75-75	36 x 63	R-PG50		.21	7.5	+50/-50	5167	WIN-1308	C9020.01	Standard-AAMA 101
Double Hung	Standard	75-75	56 x 84	R-PG20	A2	.11	3.00	+20/-20	N/A	N/A	C9025.01	Standard-AAMA 101
Double Hung	Standard	75-75	52 x 71	R-PG35	A2	.10	5.25	+35/-35	5167	WIN-1308	C9025.01	Standard-AAMA 101
Double Hung	Standard	75-75	36 x 72	R-PG55	A2	.21	8.25	+55/-55	5167	WIN-1308	D0300.01	Standard-AAMA 101
Double Hung (High TL)	Standard	07-09	53 x 76	R-PG50	H9	.11	7.50	+50/-50	5167	WIN-1308	A9235.01	Standard-AAMA 101
Double Hung (High TL)	Standard	07-09	37 x 84	R-PG60	A9	.19	9.00	+60/-60	5167	WIN-1308	C7745.01	Standard-AAMA 101
Double Hung (High TL)	Standard	07-09	47 x 71	R-PG50	A4	.13	7.50	+50/-50	5167	WIN-1308	D0294.01	Standard-AAMA 101
Double Hung (High TL)	Standard	07-75	53 x 80	R-PG40	H9	.14	6.00	+40/-40	5167	WIN-1371	A6989.01	Standard-AAMA 101
Double Hung Fixed Top	Oriel	75-75	48 x 96	R-PG20	E3	.19	3.00	+20/-20	N/A	N/A	14-0144-A	Standard-AAMA 101
Fixed	Standard	07-09	74 x 63	LC-PG55		.01	8.25	+55/-55	5177	WIN-1270	C2269.01	Standard-AAMA 101
Fixed	Standard	07-09	96 x 72	R-PG45		.01	6.75	+45/-45	5177	N/A	T261-10	Standard-AAMA 101
Fixed	Standard	07-09	74 x 63	R-PG60		.01	9.00	+60/-60	5177	N/A	T261-10	Standard-AAMA 101
Fixed	Standard	07-75	96 x 72	LC-PG45		.01	6.75	+45/-45	5177	WIN-1270	SIM-046-03-01	Standard-AAMA 101
Fixed	Standard	07-75	72 x 63	LC-PG65		.01	9.75	+65/-65	5177	WIN-1270	SIM-046-03-01	Standard-AAMA 101
Fixed	Standard	07-75	63 x 63	LC-PG55		.01	8.25	+55/-55	5177	WIN-1270	SIM-046-03-01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	105 x 51	R-PG45	A2	.15	6.75	+45/-45	5179	WIN-1045	C9142.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	84 x 63	R-PG30	A2	.08	4.50	+30/-30	5179	WIN-1045	C9142.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	100 x 48	R-PG45	A2	.18	6.75	+45/-45	5179	WIN-1045	C9142.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	84 x 48	R-PG55	A2	.16	8.25	+55/-55	5179	WIN-1045	C9142.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	148 x 48	R-PG30	E2	.12	4.50	+30/-30	5179	WIN-1045	C9026.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	136 x 63	R-PG25	A2	.12	3.75	+25/-25	5179	WIN-1045	D0297.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	131 x 65	R-PG20	E2	.12	3.00	+20/-20	N/A	N/A	C3512.01	Standard-AAMA 101
Horizontal Slider	Standard	07-09	78 x 72	R-PG20	A2	.14	3.00	+20/-20	5179	N/A	C6557.01	Standard-AAMA 101
Horizontal Slider	Equal	07-09	120 x 72	R-PG20	A2	.12	3.00	+20/-20	5179	N/A	C7747.01	Standard-AAMA 101
Horizontal Slider	Standard	07-09	78 x 63	R-PG25	A2	.11	3.75	+25/-25	5179	WIN-1045	C7752.01	Standard-AAMA 101
Horizontal Slider	Standard	07-09	63 x 48	R-PG55	A2	.18	8.25	+55/-55	5179	WIN-1045	C7752.01	Standard-AAMA 101
Horizontal Slider	Standard	07-09	72 x 63	R-PG20		.12	3.00	+20/-20	5179	N/A	C9006.01	Standard-AAMA 101
Horizontal Slider	Standard	07-09	73 x 51	R-PG50	A2	.10	7.50	+50/-50	5179	WIN-1045	C9010.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-09	100 x 63	R-PG20		.17	3.00	+20/-20	N/A	N/A	C9143.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-20	136 x 63	R-PG25	A2	.05	3.75	+25/-25	5179	WIN-1045	SIM-018-03-11	Standard-AAMA 101
Horizontal Slider	Equal	07-09, 07-20	105 x 63	R-PG40	H2	.18	6.06	+40/-40	39620	N/A	24312-1	Standard-AAMA 101



5500 Reflections Product Series

Air-Water-Structural Performance

Product	Window Type	Series/Model #	Test Size	Rating	Reinforcement	Air Infiltration (cfm/sq. ft)	Water Pressure (psf)	Structural Pressure (psf)	Florida Approval	TDI Approval	Test Report Number	Specification Type
Horizontal Slider	Standard	07-75	72 x 63	R-PG20		.15	3.00	+20/-20	N/A	N/A	97384.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	136 x 63	R-PG25	A2	.10	3.75	+25/-25	5179	WIN-1045	D2291.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	84 x 63	R-PG30	A2	.21	4.50	+30/-30	5179	WIN-1045	D2291.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	84 x 48	R-PG55	A2	.21	8.25	+55/-55	5179	N/A	D2291.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	110 x 63	R-PG40	H2	.15	6.00	+40/-40	5179	WIN-1045	D2294.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	78 x 63	R-PG40	H2	.08	6.00	+40/-40	5179	N/A	D2303.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	72 x 48	R-PG45	A2	.12	6.75	+45/-45	5179	WIN-1045	D2300.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	63 x 48	R-PG55	A2	.12	8.25	+55/-55	5179	WIN-1045	D2300.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	96 x 65	R-PG20	A2	.10	3.00	+20/-20	5179	N/A	D2299.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	78 x 72	R-PG20	A2	.09	3.00	+20/-20	5179	N/A	D2299.01	Standard-AAMA 101
Horizontal Slider	Standard	07-75	78 x 63	R-PG25	A2	.08	8.25	+25/-25	5179	WIN-1045	D2299.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	100 x 63	R-PG20		.21	6.75	+20/-20	N/A	N/A	D2296.01	Standard-AAMA 101
Horizontal Slider	Equal	07-75	120 x 72	R-PG15	A2	.14	2.86	+15/-15	N/A	N/A	D2289.01	Standard-AAMA 101
Horizontal Slider	QHQ	07-75	100 x 48	R-PG45	A2	.21	6.75	+45/-45	5179	WIN-1045	D2289.01	Standard-AAMA 101
Awning	Standard	08-09, 08-20	50 x 36	R-PG40		.01	8.25	+40/-40	39613	WIN-2175	24281-1	IMP-Missile C, Wind Zone 2
Casement	Standard	08-09, 08-20	36 x 74	R-PG40		.01	8.25	+40/-40	39614	In Process	24283-1	IMP-Missile C, Wind Zone 2
Double Hung (High TL)	Standard	07-75	53 x 75	R-PG40	H9	.14	6.00	+40/-40	39615	WIN-2710	24290-1	IMP-Missile C, Wind Zone 2
Fixed	Standard	07-09, 07-20	75 x 63	R-PG40		.01	6.75	+40/-40	39616	In Process	24294-1	IMP-Missile C, Wind Zone 2
Horizontal Slider	Standard	07-09, 07-20	73 x 63	R-PG40	H2	.08	6.00	+40/-40	39620	In Process	24311-1	IMP-Missile C, Wind Zone 2
Horizontal Slider	Equal	07-09, 07-20	105 x 63	R-PG40	H2	.18	6.06	+40/-40	39620	In Process	24312-1	IMP-Missile C, Wind Zone 2
Horizontal Slider	QHQ	07-09, 07-20	105 x 63	R-PG40		.15	6.00	+40/-40	39620	In Process	24445-1	IMP-Missile C, Wind Zone 2

TEST REPORTS ARE AVAILABLE UPON REQUEST

All units tested in accordance with AAMA/WDA/CSA 101/I.S.2, and include a welded corner test, for which all units either met or exceeded the standards, and a deglazing test, for which all units either met or exceeded the standards.

- 1) Sizes are certified up to and including the sizes listed.
- 2) Air infiltration is based upon static pressure of 1.57 psf (25 mph). Air infiltration shall not exceed 0.3 standard cubic feet per minute (scfm) per square foot.
- 3) The minimum water resistance is 2.86 psf for an entry level R15 water rating, 3.75 psf for an entry level LC25 water rating, and 4.50 psf for an entry level C30 water rating.
- 4) The minimum structural test pressure is 22.5 psf for an entry level R15 structural rating, 37.5 psf for an entry level LC25 structural rating, and 45.0 psf for an entry level C30 structural rating.

Notes:

SPECIAL MANUFACTURING REQUIREMENTS (FOR EXAMPLE: REINFORCEMENT STRENGTH, GLASS STRENGTH, ETC.) MAY BE NECESSARY TO MEET THE DESIGN PRESSURE LISTED.

PLEASE SPECIFY DESIGN PRESSURE REQUIRED WHERE APPLICABLE.

PLEASE CONSULT YOUR CUSTOMER SERVICE REPRESENTATIVE FOR AVAILABILITY OF SIZES. FACTORS SUCH AS HARDWARE RELIABILITY, SHIPPING, CONSISTENCY IN OPERATING FORCE AND SECURING THE UNIT PROPERLY MAY LIMIT THE UNIT SIZE.