



5050 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
Double Hung	Oriel	43-40	46 x 84	R-PG25	A9	.17	3.75	+25/-25	5167	N/A	D2310.01	Standard-AAMA 101
Double Hung	Standard	43-40	44 x 63	R-PG45	A9	.13	6.75	+45/-45	5167	WIN-1213	D2310.01	Standard-AAMA 101
Double Hung	Standard	43-40	48 x 80	LC-PG25		.19	6.00	+25/-25	N/A	N/A	SIM-052-02-01	Standard-AAMA 101
Double Hung	Oriel	43-40	36 x 72	R-PG20		.22	3.00	+20/-20	N/A	N/A	97388.01	Standard-AAMA 101
Double Hung	Standard	43-40	52 x 71	R-PG35	E9	.20	5.25	+35/-35	5167	WIN-1213	C2276.01	Standard-AAMA 101
Double Hung	Standard	43-40	36 x 72	R-PG30		.23	4.50	+30/-30	5167	WIN-1213	C2276.01	Standard-AAMA 101
Double Hung	Standard	43-40	36 x 63	R-PG45		.27	6.75	+45/-45	5167	WIN-1213	C2276.01	Standard-AAMA 101
Double Hung	Standard	43-40	48 x 80	R-PG35	A9	.15	5.25	+35/-35	5167	WIN-1213	C3526.01	Standard-AAMA 101
Double Hung	Standard	43-40	36 x 74	R-PG50	A9	.22	7.50	+50/-50	5167	WIN-1213	C3526.01	Standard-AAMA 101
Double Hung	Standard	43-40	44 x 63	R-PG35		.25	5.25	+35/-35	5167	WIN-1213	C5630.01	Standard-AAMA 101
Double Hung	Standard	43-40	32 x 62	R-PG50		.28	7.50	+50/-50	5167	WIN-1213	C5630.01	Standard-AAMA 101
Double Hung	Standard	43-45	52 x 71	R-PG35	E9	.21	5.25	+35/-35	5167	WIN-1227	C3522.01	Standard-AAMA 101
Fixed	Standard	43-40	96 x 72	LC-PG40		.01	7.50	+40/-40	5177	WIN-1065	C2274.02	Standard-AAMA 101
Fixed	Standard	43-40	74 x 63	LC-PG50		.01	7.50	+50/-50	5177	WIN-1065	C2274.02	Standard-AAMA 101
Fixed	Standard	43-40	80 x 48	LC-PG50		.01	7.50	+50/-50	5177	WIN-1065	C2274.02	Standard-AAMA 101
Horizontal Slider	QHQ	43-40	134 x 63	R-PG15	E2	.16	2.86	+15/-15	N/A	N/A	C7750.01	Standard-AAMA 101
Horizontal Slider	QHQ	43-40	100 x 63	R-PG20	A2	.18	3.00	+20/-20	N/A	N/A	D3257.01	Standard-AAMA 101
Horizontal Slider	QHQ	43-40	84 x 36	R-PG40	A2	.18	6.00	+40/-40	5179	WIN-1046	D3257.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	78 x 63	R-PG15	A2	.16	3.75	+15/-15	N/A	N/A	D3259.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	72 x 44	R-PG15		.21	2.86	+15/-15	N/A	N/A	C0841.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	78 x 63	R-PG25	A2	.18	3.75	+25/-25	5179	WIN-1046	D3259.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	72 x 36	R-PG40		.28	6.00	+40/-40	5179	WIN-1046	C0841.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	72 x 54	R-PG30	A2	.19	4.50	+30/-30	5179	WIN-1046	D3259.01	Standard-AAMA 101
Horizontal Slider	Standard	43-40	69 x 65	R-PG25	A2	.18	3.75	+25/-25	5179	WIN-1046	C5629.01	Standard-AAMA 101

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.