



AAMA Performance Data

All Single Hung windows are tested as equal sash. Note: All picture windows, shapes and one-frame glass larger than 30 square feet will come with Tempered Glass as standard for safety reasons. All additional charges for Tempered Glass will automatically be applied.

AAMA Performance Data		
Series	Test Size	Test Rating
100 S.H.	4060 3860 4050 3070	R40 R50 R50 R50
101 P.W.	6060 6070 Tempered	R65 R50
125 S.H.	4060	R30
125 H.S.	6040	R30
150 H.S.	6040 6038	R30 R50
150 P.W.S.	7040	R30
175 S.H.	4060 3860	R40 R50
175 Twin S.H.	6060	R50
175 Triple S.H.	9060	R50
100 S.H. TWIN/STACK	7490	R50
200/275 S.H.	3070 3070 W/50 SASH 4070 4070 W/50 SASH 4060 3860	R40 R55 R30 R35 R45 R50
200/275 S.H. w/ 3820 Stack	3860 (44"x96")	R50
200/220/275 Finless S.H.	4060	R45
200/220/275 Finless	3860 3060 Twin (5-11"x6-0")	R50 R50
200/275 Twin S.H. C-H&S	3860 Twin (87"x72") 3060 Twin (71"x72")	R40 R50
200/275 Twin w/ 2/0 Stack	3060 Twin (71"x96")	R50
200/275 Triple S.H. C-H&S	3060 Triple (107"x72")	R50
200/275 Triple S.H. C-H&S w/ Stack	2860 Triple (96"x84") w/2810 Transom	R50

Series	Test Size	Test Rating
200/275 P.W. Triple C-H&S	3870 Triple 132" x 84" 11070	R40
200/275 P.W.	6060 4060 4070	R-60 R-70 R80***
200/275 P.W. Tempered	6070 7060	R50 R50
200/275 Horizontal Slider	6040 6038	R35 R45
250 P.W.	5050	FW-C50
250 Casement	3060 3050	CR-40 CR-50
250 Awning	4028	R35
400 S.H.	3070 4060 4070 3470	R50 R50* R35 R40
400 S.H. Finless	4060	R50
400 P.W.	6060 4070	R60 R65
400 P.W. Twin C-H&S	7470 3870 ea 88" x 84"	R50
400 P.W. Tempered	6070	R50
400 SH 4060 w/ Stack	4080	R50
400 H.S.	6050 6040 6038	R30* R45 R50
400 Twin Hung	6860	R50
400 Twin C-H&S	8060 6060 6070	R20 R50 R40

AAMA Performance Data (cont'd)



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Series	Test Size	Test Rating
Vinyl Impact Series		
4000 S.H.	4060 3860 3060 3070	R50 R55 R60 R50
4000 P.W.	4060 4070	R60 R50
4000 Twin Hung 4000 Twin Hung w/ Stack **(see below)	6860 6090	R50 R50
4000 HS	6038	R50

- * Additional Reinforcement
- ** Krestmark will send the unit as a twin with mull material for field mulling due to weight and handling
- *** 3/16" glass

Industry Standard Table of Equivalent Wind Velocities

Performance Class Product performance class codes and minimum performance for windows	Residential [R]												
	Light Commercial [LC]												
	Commercial [C]												

Design Pressure Ratings (DP Rating) The Design Pressure (DP) is the pressure (measured in Pounds per Square Foot (PSF) that a building or building component should be designed to accommodate without failure.	15	20	25	30	35	40	45	50	55	60	65	70
Structural Test Pressure in PSF Structural Test Pressure = 1.5 x Design Pressure (DP Rating). The higher the number, the greater the amount of wind the window can sustain. This number varies with window size; be sure comparisons are with same size windows.	22.5	30.0	37.5	45.0	52.5	60.0	67.5	75.0	82.5	90.0	97.5	105
Equivalent Wind Velocity in mph	77	88	99	108	117	125	133	140	147	153	159	165
Water Test Pressure in PSF Water test pressure measures the window's ability to resist water penetration under specific pressure. Water test pressure = 15% of Design Pressure (DP Rating). The greater the rating, the greater the ability of the window to resist water penetration.	2.86	3.00	3.75	4.5	5.25	6.00	6.75	7.50	8.25	9.00	9.75	10.5

Window Velocities are rounded to the nearest 1 mph

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