

# StormBreaker Plus 300VL Product Series

## High Velocity Hurricane Zone Air-Water-Structural Performance



Type	Size	Reinforcement Code	Air Infiltration	Operating Force	Water Penetration	Uniform Load	Overall Rating	Report Number
Awning	53 x 26	00	0.12 scfm/ft <sup>2</sup>	N/A	8.25 psf	± 82.5 psf	R-PG55	B2264.01
Casement	36 x 50	00	0.01 scfm/ft <sup>2</sup>	3 lbf	8.25 psf	± 82.5 psf	R-PG55	A4519.01
Casement	30 x 65	00	0.07 scfm/ft <sup>2</sup>	6 lbf	8.25 psf	± 82.5 psf	R-PG50	SIM-050-02-01
Double Hung	37 x 76	A9	0.17 scfm/ft <sup>2</sup>	29 lbf	9.75 psf	± 97.5 psf	R-PG60	D0296.01
Double Hung	53 x 76	H9	0.11 scfm/ft <sup>2</sup>	29 lbf	8.25 psf	± 82.5 psf	R-PG55	D0965.01
Slider	73 x 54	E9	0.14 scfm/ft <sup>2</sup>	15 lbf	7.50 psf	± 75.0 psf	R-PG50	A9263.01
End Vent	113 x 63	H9	0.07 scfm/ft <sup>2</sup>	12 lbf	7.50 psf	± 75.0 psf	R-PG50	SIM-028-03-02
Picture Window	74 x 63	00	0.01 scfm/ft <sup>2</sup>	N/A	9.75 psf	± 97.5 psf	R-PG65	B3417.01
Patio Door	95.25 x 95.25	H9	0.07 scfm/ft <sup>2</sup>	22 lbf	7.50 psf	± 75.0 psf	R-PG50	C6575.01

### TEST REPORTS ARE AVAILABLE UPON REQUEST

All units tested in accordance with AAMA/WDA/CSA 101/I.S.2/A440-08, 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) Operating force listed is an average of the forces required to open and close the unit. The maximum allowable pound force is 30 lbf for vertical sliders and 20 lbf for horizontal sliders.
- 4) 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.
- 5) 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 SIMONTON 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.*