Model 8700

Option Code	Positive Design PSF	Negative Design PSF	Maximum Size		Approvals[2]		Glazing available[5]	Source Plant	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B[4]	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C[5]
			Width	Height	FBC	TDI[2*]				
1000	22.90	26.30	9'-0"	14'-0"	FL 12099	TPA - FL12099	Standard SP	Mt. Hope	155	130
1001	31.20	35.80	9'-0"	14'-0"			Standard SP	Mt. Hope	185	150
1002	41.60	46.30	9'-0"	14'-0"			Standard SP	Mt. Hope	210	170
1020	23.00	25.00	16'-0"	14'-0"			Standard SP	Mt. Hope	160	130
1021	30.00	33.50	16'-0"	14'-0"			No	Mt. Hope	185	150
1022 Post	43.40	48.40	16'-0"	8'-0"			Standard SP	Mt. Hope[7]	225	185
1040	18.50	20.70	18'-0"	12'-0"			Standard SP	Mt. Hope	145	120
1041	25.90	28.80	18'-0"	12'-0"			No	Mt. Hope	170	140
1042 Post	39.20	43.70	18'-0"	8'-0"			Standard SP	Mt. Hope[7]	210	175

Post Installation Instructions 12099
Jamb Connection Supplement 12099
Track Supplement Chart 12099

1. All doors tested for uniform static air pressure per ANSI/DASMA 108 to test pressure of 1.5 x design pressure
2. FBC - Florida Building Commission, TDI - Texas Department of Insurance
*TDI now use 3rd Party Evaluations. For WD, TDI's link points to the FBC evaluation report.
3. Above wind speeds based on ASCE 7-05 are applicable for enclosed structures with an importance factor of 1.0 and assume a maximum of 2' of the door is located within the end zone of a structure. Consult a registered Architect or Structural Engineer for applicability for other project specific conditions.
4. Wind Speed is 3-Second Peak gusts, using exposure B, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle >10°.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determine by architect, engineer or other professional.
5. Wind Speed is 3-Second Peak gusts, using exposure C, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle >10°.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determined by architect, engineer or other professional.
6. All panel styles available. (CRP, Sonoma)
7. Low Head Room track is not available.
8. Post kit produced in Pensacola. Longer lead times required.
9. Wind speeds listed in this guide are provided for reference purposes only. In **ALL** cases the local building authority is the sole and final determiner of the structural and safety requirements, and suitability of the garage door.
10. The Premium Windload Sections will be different from Premium non-Windload sections. They will have an additional Rail Reinforcing Bracket in the end of each section.