



Model 8700

| | | | | | | | | | ASCE 7-05 | | | ASCE 7-10 | | | | |
|---------------------------|---------------------|---------------------|--------------|--------|--------------------------|-----|--------------------------------|-----------------------|----------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Option Code | Positive Design PSF | Negative Design PSF | Maximum Size | | Approvals ² | | Glazing available ⁵ | Source Plant | 3-Second Gust Basic Wind Speeds (MPH) ³ | | | 3-Second Gust Basic Wind Speeds (MPH) ⁴ | | | | |
| | | | Width | Height | FBC | TDI | | | Exposure B Mean Roof Height ≤ 30' | Exposure C Mean Roof Height ≤ 15' | Exposure C Mean Roof Height ≤ 25' | Exposure B Mean Roof Height ≤ 30' | Exposure C Mean Roof Height ≤ 15' | Exposure C Mean Roof Height ≤ 25' | Exposure D Mean Roof Height ≤ 15' | Exposure D Mean Roof Height ≤ 25' |
| 1000 | 22.90 | 26.30 | 9'-0" | 14'-0" | FL 12099 | - | Standard SP | Mt. Hope | 120 | 105 | 100 | 155 | 140 | 130 | 125 | 120 |
| 1001 | 31.20 | 35.80 | 9'-0" | 14'-0" | FL 12099 | - | Standard SP | Mt. Hope | 140 | 125 | 120 | 180 | 160 | 155 | 146 | 140 |
| 1002 | 41.60 | 46.30 | 9'-0" | 14'-0" | FL 12099 | - | Standard SP | Mt. Hope | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |
| 1020 | 23.00 | 25.00 | 16'-0" | 14'-0" | FL 12099 | - | Standard SP | Mt. Hope | 120 | 110 | 105 | 155 | 140 | 135 | 125 | 120 |
| 1021 | 30.00 | 33.50 | 16'-0" | 14'-0" | FL 12099 | - | No | Mt. Hope | 140 | 125 | 120 | 180 | 160 | 155 | 146 | 140 |
| 1022 Post | 43.40 | 48.40 | 16'-0" | 8'-0" | FL 12099 | - | Standard SP | Mt. Hope ⁷ | 165 | 150 | 146 | 215 | 195 | 185 | 180 | 170 |
| 1040 | 18.50 | 20.70 | 18'-0" | 12'-0" | FL 12099 | - | Standard SP | Mt. Hope | 110 | 100 | 95 | 140 | 125 | 120 | 115 | 110 |
| 1041 | 25.90 | 28.80 | 18'-0" | 12'-0" | FL 12099 | - | No | Mt. Hope | 130 | 115 | 110 | 165 | 150 | 145 | 135 | 130 |
| 1042 Post | 39.20 | 43.70 | 18'-0" | 8'-0" | FL 12099 | - | Standard SP | Mt. Hope ⁷ | 160 | 146 | 135 | 205 | 185 | 175 | 170 | 160 |

- [Post Installation Instructions](#)
- [Jamb Connection Supplement](#)
- [Track Supplement Chart](#)

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
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. Above wind speeds based on ASCE 7-10 Category II structure with 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.
5. **Standard SP** - Short panel glazing (Single Colonial) is not impact resistant and does not meet the requirements for Wind-Borne Debris Regions.
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.