


| <div>  <div>Models 451/452</div> </div> | | | | | | | | | | |
|--|---------------------|---------------------|--------------|-------------|------------------------|-----|--------------------------------|--------------|--|--|
| 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 ³ | Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴ |
| | | | Max. Width | Max. Height | FBC | TDI | | | | |
| 0449 | 20.00 | 20.00 | 10'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 140 | 115 |
| 0450 | 31.00 | 31.00 | 10'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 175 | 140 |
| 0451 | 20.00 | 20.00 | 14'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 140 | 115 |
| 0452 | 31.00 | 31.00 | 14'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 180 | 145 |
| 0453 | 20.00 | 20.00 | 16'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 145 | 115 |
| 0454 | 30.00 | 30.00 | 16'-2" | 24'-1" | N/A | N/A | .125 Min. DSB | Mt. Hope | 175 | 145 |

- All doors tested for uniform static air pressure per ANSI/DASMA 108 to test pressure of 1.5 x design pressure
- FBC - Florida Building Commission, TDI - Texas Department of Insurance
- 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.
- 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.
- Glazing is **not** impact resistant and does not meet the requirements for Wind-Borne Debris Regions.
- Low Head Room track is available.
- 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.