



Models 451/452

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.