

Montage Plus Wind Load Capacity

Height	Rail Length	Post Size	Pickets With 3.925" Air Space		Pickets With 2.990" Air Space	
			Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (MPH)	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (MPH)
4'	8'	2-½" Square x 16 Ga.	66	179	57	166
5'	8'	2-½" Square x 16 Ga.	45.7	149	39	137
6'	8'	2-½" Square x 16 Ga.	32	125	28	116
7'	8'	2-½" Square x 14 Ga.	30	121	25	110
8'	8'	2-½" Square x 14 Ga.	24	107	20	98

Note: Mph calculated using ANSI/ASCE 7-02, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures", Exposure Category B (Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single family dwellings or larger). For wind loading applicable to a particular specification, consult the applicable Building Code.