



ASCE 7-10 Exposure B Span and Cantilever Chart in Inches for flush mount of P6 rail with 66" Maximum Module Length and building height ≤30

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch		
	105	110	115	120	130	140	150	160	165	170	180	200			
0	99	95	92	88	83	77	73	69	67	65	62	56	56	25	0 ≤ 7°
10	83	82	80	78	75	72	69	66	65	64	61	58	56	25	
15	76	74	73	72	69	67	65	62	61	60	58	55	52	24	
20	70	69	68	67	65	63	61	59	58	57	55	52	50	24	
25	65	64	63	62	61	59	58	56	55	54	53	51	50	23	
30	61	60	60	59	58	56	55	53	53	52	51	48	48	22	
40	53	53	53	53	52	51	50	49	49	48	47	45	45	21	
50	48	48	48	48	48	48	47	46	45	45	44	42	42	19	
60	44	44	44	44	44	44	43	43	42	42	42	40	40	18	
0	103	99	96	92	86	81	76	72	70	68	65	59	59	26	7° < 0 ≤ 27°
10	85	84	82	80	77	74	71	69	67	66	64	60	59	26	
15	77	76	75	73	71	69	66	64	63	62	60	57	56	25	
20	71	70	69	68	66	64	62	60	60	59	57	54	54	24	
25	66	65	64	64	62	60	59	57	56	56	54	52	51	23	
30	61	61	61	60	59	57	56	55	54	53	52	49	49	23	
40	53	53	53	53	52	51	50	49	49	48	48	46	46	21	
50	48	48	48	48	48	48	47	47	46	46	45	43	43	20	
60	44	44	44	44	44	44	44	43	43	43	42	41	41	19	
0	99	95	92	88	83	77	73	69	67	65	62	56	56	25	27° < 0 ≤ 45°
10	83	82	80	78	75	72	69	66	65	64	61	58	56	25	
15	76	74	73	72	69	67	65	62	61	60	58	55	52	24	
20	70	69	68	67	65	63	61	59	58	57	55	52	50	24	
25	65	64	63	62	61	59	58	56	55	54	53	51	50	23	
30	61	60	60	59	58	56	55	53	53	52	51	48	48	22	
40	53	53	53	53	52	51	50	49	49	48	47	45	45	21	
50	48	48	48	48	48	48	47	46	45	45	44	42	42	19	
60	44	44	44	44	44	44	44	43	43	42	42	40	40	18	

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.

ASCE 7-10 Exposure B Span and Cantilever Chart in Inches for flush mount of P6 rail with 77" Maximum Module Length and building height ≤30

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch		
	105	110	115	120	130	140	150	160	165	170	180	200			
0	91	88	85	82	76	72	67	63	62	60	57	52	52	23	0 ≤ 7°
10	80	78	76	75	71	68	65	63	61	60	57	55	52	23	
15	73	72	70	69	66	64	61	59	58	57	55	52	51	23	
20	68	66	65	64	62	60	58	56	55	54	53	50	49	23	
25	62	62	61	61	59	57	55	54	53	52	50	47	47	23	
30	57	57	57	57	56	54	53	51	51	50	49	46	46	22	
40	49	49	49	49	49	49	49	48	47	46	45	43	43	21	
50	44	44	44	44	44	44	44	44	44	44	43	41	41	19	
60	41	41	41	41	41	41	41	41	41	41	40	39	39	18	
0	95	92	89	86	80	75	71	67	65	63	60	54	54	24	7° < 0 ≤ 27°
10	82	80	78	77	74	71	68	65	64	62	60	57	56	24	
15	74	73	72	71	68	66	63	61	60	59	57	54	53	24	
20	68	68	67	66	64	62	60	58	57	56	54	51	51	23	
25	62	62	62	62	60	58	57	55	54	53	52	49	49	23	
30	57	57	57	57	56	54	53	51	51	50	49	47	47	22	
40	49	49	49	49	49	49	49	49	48	48	47	45	45	21	
50	44	44	44	44	44	44	44	44	44	44	43	42	42	19	
60	41	41	41	41	41	41	41	41	41	41	40	39	39	18	
0	91	88	85	82	76	72	67	63	62	60	57	52	52	23	27° < 0 ≤ 45°
10	80	78	76	75	71	68	65	63	61	60	57	55	52	23	
15	73	72	70	69	66	64	61	59	58	57	55	52	51	23	
20	68	66	65	64	62	60	58	56	55	54	53	50	49	23	
25	62	62	61	61	59	57	55	54	53	52	50	47	47	23	
30	57	57	57	57	56	54	53	51	51	50	49	46	46	22	
40	49	49	49	49	49	49	49	48	47	46	45	43	43	21	
50	44	44	44	44	44	44	44	44	44	44	43	41	41	19	
60	41	41	41	41	41	41	41	41	41	41	40	39	39	18	

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.