



**ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P6 with 66" Maximum Module Length and building height ≤30 feet**

Snow Load, Pg (psf)	Wind Speed (mph)											Roof Pitch
	90	100	105	110	120	130	140	150	160	170	180	
0	91	83	80	76	71	66	61	57	54	51	48	0 ≤ 7°
10	80	75	73	72	68	64	61	57	54	51	48	
15	73	70	68	66	63	61	58	55	53	51	48	
20	67	65	64	62	60	57	55	53	51	49	47	
25	63	61	60	59	57	55	53	51	49	47	46	
30	60	58	57	56	54	52	51	49	47	46	44	
40	53	53	52	51	50	48	47	46	44	43	42	
50	48	48	48	47	46	45	44	43	42	41	40	
60	44	44	44	44	43	42	42	41	40	39	38	
0	95	87	83	80	74	69	64	60	57	54	51	7° < 0 ≤ 27°
10	82	78	76	74	70	67	64	60	57	54	51	
15	74	71	70	68	65	62	60	57	55	53	51	
20	69	66	65	64	61	59	57	55	53	51	49	
25	64	62	61	60	58	56	54	52	50	49	47	
30	60	59	58	57	55	53	52	50	49	47	45	
40	53	53	53	52	51	49	48	47	45	44	43	
50	48	48	48	48	47	46	45	44	43	42	41	
60	44	44	44	44	44	43	42	41	40	39	38	
0	91	83	80	76	71	66	61	57	54	51	48	27° < 0 ≤ 45°
10	80	75	73	72	68	64	61	57	54	51	48	
15	73	70	68	66	63	61	58	55	53	51	48	
20	67	65	64	62	60	57	55	53	51	49	47	
25	63	61	60	59	57	55	53	51	49	47	46	
30	60	58	57	56	54	52	51	49	47	46	44	
40	53	53	52	51	50	48	47	46	44	43	42	
50	48	48	48	47	46	45	44	43	42	41	40	
60	44	44	44	44	43	42	42	41	40	39	38	

**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 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P6 with 77" Maximum Module Length and building height ≤30 feet**

Snow Load, Pg (psf)	Wind Speed (mph)											Roof Pitch
	90	100	105	110	120	130	140	150	160	170	180	
0	84	77	74	71	65	61	57	53	50	47	45	0 ≤ 7°
10	74	70	68	66	63	60	57	53	50	47	45	
15	67	64	63	61	59	56	54	51	49	47	45	
20	62	60	59	58	55	53	51	49	47	45	44	
25	58	56	55	54	52	51	49	47	45	44	42	
30	55	53	53	52	50	48	47	45	44	42	41	
40	49	49	48	47	46	45	44	42	41	40	38	
50	44	44	44	44	43	42	41	40	39	38	37	
60	41	41	41	41	40	39	38	37	37	36	35	
0	88	80	77	74	69	64	60	56	53	50	47	7° < 0 ≤ 27°
10	76	72	70	68	65	62	59	56	53	50	47	
15	69	66	64	63	60	58	55	53	51	49	47	
20	64	61	60	59	57	55	53	51	49	47	45	
25	59	57	56	55	54	52	50	48	47	45	44	
30	56	54	53	53	51	49	48	46	45	43	42	
40	49	49	48	47	46	45	44	43	42	41	40	
50	44	44	44	44	43	42	41	40	39	38	37	
60	41	41	41	41	40	39	38	37	37	36	35	
0	84	77	74	71	65	61	57	53	50	47	45	27° < 0 ≤ 45°
10	74	70	68	66	63	60	57	53	50	47	45	
15	67	64	63	61	59	56	54	51	49	47	45	
20	62	60	59	58	55	53	51	49	47	45	44	
25	58	56	55	54	52	51	49	47	45	44	42	
30	55	53	53	52	50	48	47	45	44	42	41	
40	49	49	48	47	46	45	44	43	42	41	40	
50	44	44	44	44	43	42	41	40	39	38	37	
60	41	41	41	41	40	39	38	37	37	36	35	

**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.**