



**ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P8 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	132	121	116	111	103	95	89	83	79	74	70	0 ≤ 7°
10	116	110	107	104	99	94	89	83	79	74	70	
15	106	101	99	97	92	88	84	81	77	74	70	
20	98	94	92	90	87	83	80	77	74	71	68	
25	92	89	87	85	82	79	77	74	71	69	66	
30	87	84	83	81	79	76	73	71	69	66	64	
40	78	76	75	74	72	70	68	66	64	62	61	
50	70	70	70	69	67	66	64	62	61	59	57	
60	64	64	64	64	63	62	60	59	58	56	55	
0	138	126	121	116	108	100	93	88	83	78	74	7° < 0 ≤ 27°
10	119	113	110	107	102	97	92	88	83	78	74	
15	108	103	101	99	95	91	87	83	80	77	74	
20	100	96	94	93	89	86	82	79	76	74	71	
25	93	90	89	87	84	81	79	76	73	71	68	
30	88	85	84	83	80	78	75	73	71	68	66	
40	78	77	76	75	74	72	70	68	66	64	62	
50	70	70	70	70	68	67	65	64	62	60	59	
60	64	64	64	64	64	63	61	60	59	57	56	
0	132	121	116	111	103	95	89	83	79	74	70	27° < 0 ≤ 45°
10	116	110	107	104	99	94	89	83	79	74	70	
15	106	101	99	97	92	88	84	81	77	74	70	
20	98	94	92	90	87	83	80	77	74	71	68	
25	92	89	87	85	82	79	77	74	71	69	66	
30	87	84	83	81	79	76	73	71	69	66	64	
40	78	76	75	74	72	70	68	66	64	62	61	
50	70	70	70	69	67	66	64	62	61	59	57	
60	64	64	64	64	63	62	60	59	58	56	55	

**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 P8 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	122	112	107	103	95	88	82	77	73	69	65	0 ≤ 7°
10	107	101	99	96	91	87	82	77	73	69	65	
15	98	94	91	89	85	82	78	75	71	68	65	
20	91	87	85	84	80	77	74	71	68	66	63	
25	85	82	81	79	76	74	71	68	66	63	61	
30	80	78	76	75	73	70	68	66	63	61	59	
40	72	71	70	69	67	65	63	61	59	58	56	
50	65	65	64	64	62	61	59	58	56	55	53	
60	59	59	59	59	58	57	56	55	53	52	51	
0	128	117	112	108	100	93	87	81	76	72	68	7° < 0 ≤ 27°
10	110	104	102	99	94	90	85	81	76	72	68	
15	100	96	94	92	88	84	80	77	74	71	68	
20	92	89	87	86	82	79	76	73	71	68	66	
25	86	83	82	81	78	75	73	70	68	66	63	
30	81	79	78	77	74	72	70	67	65	63	61	
40	72	71	70	69	68	66	64	63	61	59	58	
50	65	65	65	65	63	62	60	59	57	56	55	
60	59	59	59	59	58	57	56	55	54	53	52	
0	122	112	107	103	95	88	82	77	73	69	65	27° < 0 ≤ 45°
10	107	101	99	96	91	87	82	77	73	69	65	
15	98	94	91	89	85	82	78	75	71	68	65	
20	91	87	85	84	80	77	74	71	68	66	63	
25	85	82	81	79	76	74	71	68	66	63	61	
30	80	78	76	75	73	70	68	66	63	61	59	
40	72	71	70	69	67	65	63	61	59	58	56	
50	65	65	64	64	62	61	59	58	56	55	53	
60	59	59	59	59	58	57	56	55	53	52	51	

**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.**