

## Design pressures

**For FM rating criteria, multiple below result by 2.**

GR	BT, I, roof area	Bldg. ht.	55 mph	72 mph	80 mph	85 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph	150 mph	170 mph
B	Enclosed, 1, field	30'	6.4 psf	11 psf	13.5 psf	15.3	17.1	21.3	25.6	30.4	35.7	41.4	47.6	61.1
B	Enclos.,1.15, field	30'	7.4	12.6	15.6	17.6	19.7	24.3	29.4	35	41.1	47.7	54.7	70.3
C	Enclosed, 1, field	30'	9	15.3	19	21.4	24	29.6	35.8	42.6	50	58	66.6	85.6
C	Enclos.,1.15, field	30'	10.3	17.6	21.8	24.6	27.6	34	41.2	49	57.5	66.7	76.6	98.4
D	Enclosed, 1, field	30'	10.6	18.2	22.4	25.3	28.4	35	42.4	50.5	59.2	68.7	78.8	101.3
D	Enclos.,1.15, field	30'	12.2	20.9	25.8	29.1	32.6	40.3	48.8	58	68.1	79	90.7	116.5
B	Part. En., 1, field	30'	8.4	14.4	17.8	20.1	22.5	27.8	33.6	40	47	54.4	62.5	80.3
B	Part. En.1.15, field	30'	9.7	16.6	20.4	23.1	25.9	31.9	38.6	46	54	62.6	71.9	92.3
C	Part. En., 1, field	30'	11.8	20.2	24.9	28.1	31.5	38.9	47	56	65.7	76.2	87.5	112.4
C	Part. En.1.15, field	30'	13.5	23.2	28.6	32.3	36.2	44.7	54.1	64.4	75.6	87.6	100.7	129.2
D	Part. En.,1, field	30'	13.9	23.9	29.4	33.3	37.3	46	55.7	66.3	77.8	90.2	103.6	133
D	Part. En.,1.15,field	30'	16	27.4	33.9	38.2	42.9	52.9	64	76.2	89.5	103.7	119.1	153
B	Enclosed, 1, field	45'	7.1	12.2	15	17.1	19	23.5	28.5	33.9	39.7	46.1	52.9	68
B	Enclos.,1.15, field	45'	8.2	14	17.3	19.7	21.9	27	32.9	38.9	45.7	53	60.8	78.1
C	Enclosed, 1, field	45'	9.7	16.7	20.6	23.2	26	32.2	38.9	46.3	54.4	63	72.4	93
C	Enclos.,1.15, field	45'	11.2	19.2	23.7	26.7	30	37	44.8	53.3	62.5	72.5	83.2	106.9
D	Enclosed, 1, field	45'	11.4	19.5	24.1	27.2	30.5	37.6	45.5	54.2	63.6	73.7	84.6	108.7
D	Enclos.,1.15, field	45'	13.1	22.4	27.7	31.2	35	43.3	52.3	62.3	73.1	84.8	97.3	125
B	Part. En., 1, field	45'	9.3	16	19.8	22.5	25	30.9	37.4	44.5	52.2	60.5	69.5	89.3
B	Part. En.1.15, field	45'	10.7	18.4	22.7	25.9	28.8	35.5	43	51.1	60	69.6	79.9	102.7
C	Part. En., 1, field	45'	12.8	21.9	27	30.5	34.2	42.3	51.1	60.8	71.4	82.8	95.1	122.1
C	Part. En.1.15, field	45'	14.7	25.2	31.1	35.1	39.4	48.6	58.8	70	82.1	95.2	109.3	140.4
D	Part. En.,1, field	45'	14.9	25.6	31.6	35.7	40	49.4	59.8	71.1	83.5	96.8	111.2	142.8
D	Part. En.,1.15,field	45'	17.2	29.5	36.4	41	46	56.8	68.7	81.8	96	111.4	127.8	164.2
B	Enclosed, 1, field	60'	7.8	13.3	16.4	18.6	20.8	25.7	31.1	37	43.4	50.3	57.8	74.2
B	Enclos.,1.15, field	60'	8.9	15.3	18.9	21.3	23.9	29.5	35.7	42.5	49.9	57.9	66.4	85.3
C	Enclosed, 1, field	60'	10.3	17.7	21.8	24.7	27.6	34.1	41.3	49.2	57.7	66.9	76.8	98.7
C	Enclos.,1.15, field	60'	11.9	20.3	25.1	28.4	31.8	39.2	47.5	56.5	66.3	76.9	88.3	113.4
D	Enclosed, 1, field	60'	12	20.5	24.3	27.6	32	39.6	47.9	57	66.9	77.6	89	114.4
D	Enclos.,1.15, field	60'	13.8	23.6	29.1	33.2	36.9	45.5	55.1	65.5	76.9	89.2	102.4	131.5
B	Part. En., 1, field	60'	10.2	17.5	21.6	24.4	27.3	33.7	40.8	48.6	57	66.1	75.9	97.5
B	Part. En.1.15, field	60'	11.7	20.1	24.8	28	31.4	38.8	46.9	55.8	65.6	76	87.3	112.1
C	Part. En., 1, field	60'	13.6	23.2	28.7	32.4	36.3	44.8	54.2	64.6	75.8	87.9	100.9	129.6
C	Part. En.1.15, field	60'	15.6	26.7	33	37.3	41.8	51.6	62.4	74.2	87.1	101.1	116	149
D	Part. En.,1, field	60'	15.7	26.9	33.3	37.6	42.1	52	62.9	74.8	87.8	101.9	117	150.2
D	Part. En.,1.15,field	60'	18.1	31	38.3	43.2	48.4	59.8	72.3	86.1	101	117.2	135	172.8

GR	BT, I, roof area	Bldg. ht.	55 mph	72 mph	80 mph	85 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph	150 mph	170 mph
B	Enclosed, 1, field	61'	10.4	17.9	22.1	25	28	34.5	41.8	49.7	58.4	67.7	77.7	99.8
B	Enclos.,1.15, field	61'	12	20.6	25.4	28.7	32.2	39.7	48.1	57.2	67.1	77.8	89.4	114.8
C	Enclosed, 1, field	61'	13.9	23.8	29.4	33.1	37.2	45.9	55.5	66	77.5	89.9	103.2	132.6
C	Enclos.,1.15, field	61'	16	27.3	33.8	38.1	42.7	52.7	63.8	76	89.1	103.4	118.7	152.4
D	Enclosed, 1, field	61'	16.1	27.5	34	47.4	43	53.1	64.3	76.5	89.7	104.1	119.5	153.5
D	Enclos.,1.15, field	61'	18.5	31.7	39.1	54.5	49.5	61.1	73.9	87.9	103.2	119.7	137.4	176.5
B	Part. En., 1, field	61'	12.9	22.1	27.3	30.8	34.5	42.6	51.6	61.4	72	83.6	95.9	123.2
B	Part. En.1.15, field	61'	14.8	25.4	31.4	35.4	39.7	49	59.3	70.6	82.8	96.1	110.3	141.7
C	Part. En., 1, field	61'	17.1	29.3	36.2	40.9	45.8	56.6	68.5	81.5	95.7	111	127.4	163.6
C	Part. En.1.15, field	61'	19.7	33.7	41.7	47	52.7	65.1	78.8	93.7	110	127.6	146.5	188.1
D	Part. En.,1, field	61'	19.8	34	41.9	47.4	53.1	65.5	79.3	94.4	110.8	128.5	147.5	189.4
D	Part. En.,1.15,field	61'	22.8	39.1	48.2	54.5	61.1	75.4	91.2	108.5	127.4	147.7	169.6	217.8
B	Enclosed, 1, field	100'	12.1	20.8	25.6	28.9	32.4	40	48.4	57.7	67.7	78.5	90.1	115.7
B	Enclos.,1.15, field	100'	13.9	23.9	29.5	33.3	37.3	46	55.7	66.3	77.8	90.3	103.6	133.1
C	Enclosed, 1, field	100'	15.4	26.4	32.6	36.8	41.3	51	61.7	73.4	86.1	99.9	114.7	147.3
C	Enclos.,1.15, field	100'	17.7	30.4	37.5	42.3	47.5	58.6	70.9	84.4	99	114.9	131.9	169.4
D	Enclosed, 1, field	100'	17.5	30	37	41.8	46.6	57.8	70	83.3	97.8	113.4	130.1	167.2
D	Enclos.,1.15, field	100'	20.1	34.5	42.6	48.1	53.9	66.5	80.5	95.8	112.4	130.4	149.7	192.2
B	Part. En., 1, field	100'	14.9	25.6	31.6	35.7	40	49.4	59.8	71.2	83.5	96.9	111.2	142.8
B	Part. En.1.15, field	100'	17.2	29.5	36.4	41.1	46	56.8	68.8	81.8	96	111.4	127.9	164.2
C	Part. En., 1, field	100'	19	32.6	40.2	45.4	50.9	62.9	76.1	90.6	106.3	123.3	141.5	181.8
C	Part. En.1.15, field	100'	21.9	37.5	46.3	52.3	58.6	72.3	87.5	104.2	122.2	141.8	162.8	209
D	Part. En.,1, field	100'	21.6	37	45.7	51.6	57.8	71.4	86.4	102.8	120.6	139.9	160.6	206.3
D	Part. En.,1.15,field	100'	24.8	42.6	52.5	59.3	66.5	82.1	99.3	118.2	138.7	160.9	184.7	237.2