

Brace Specifications* (see notes)																				
	SBPB417	SBPB422	SBPB427	SBPB432	SBPB51232	SBMR326	SBMR326	SBPB51237	SBMR376	SBMR376	SBPB51242	SBMR426	SBMR426	SBMR428	SBMR428	SBPB51252	SBMR528	SBMR528	SBMR628	SBMR628
	17'-0" Fixed	22'-0" Fixed	22'-0" Fixed w/5' Ext	22'-0" Fixed w/10' Ext	32'-0" Fixed	32'-0" Modular w/SBI	32'-0" Modular w/DBI	32'-0" Fixed w/5' Ext	37'-0" Modular w/SBI	37'-0" Modular w/DBI	32'-0" Fixed w/10' Ext	42'-0" Modular w/SBI	42'-0" Modular w/DBI	42'-0" Modular w/SBI	42'-0" Modular w/DBI	32'-0" Fixed w/20' Ext	52'-0" Modular w/SBI	52'-0" Modular w/DBI	62'-0" Modular w/SBI	62'-0" Modular w/DBI
Pipe diameter	4 in	4 in	4 in	4 in	5-1/2 in	6-5/8 in	6-5/8 in	5-1/2 in	6-5/8 in	6-5/8 in	5-1/2 in	6-5/8 in	6-5/8 in	8-5/8 in	8-5/8 in	5-1/2 in	8-5/8 in	8-5/8 in	8-5/8 in	8-5/8 in
Total length	17 ft	22 ft	27 ft	32 ft	32 ft	32 ft	32 ft	37 ft	37 ft	37 ft	42 ft	42 ft	42 ft	42 ft	42 ft	52 ft	52 ft	52 ft	62 ft	62 ft
Ultimate load*	9,750 lbs	9,750 lbs	7,200 lbs	5,400 lbs	13,500 lbs	15,000 lbs	25,250 lbs	12,000 lbs	15,000 lbs	22,000 lbs	8,040 lbs	14,440 lbs	14,400 lbs	15,000 lbs	25,250 lbs	5,775 lbs	15,000 lbs	19,850 lbs	14,440 lbs	14,400 lbs
B/Panel	15.93	20.02	24.12	28.21	28.21	28.21	28.21	32.31	32.31	32.31	36.40	36.40	36.40	36.40	36.40	44.60	44.60	44.60	52.79	52.79
Max height	26.54	33.37	40.20	47.02	47.02	47.02	47.02	53.85	53.85	53.85	60.67	60.67	60.67	60.67	60.67	74.33	74.33	74.33	87.98	87.98
Brace @ 50	15.02	18.85	22.68	26.51	26.51	26.51	26.51	30.34	30.34	30.34	34.17	34.17	34.17	34.17	34.17	41.83	41.83	41.83	49.49	49.49
Min height	17.023	20.85	24.68	28.51	28.51	28.51	28.51	32.34	32.34	32.34	36.17	36.17	36.17	36.17	36.17	43.83	43.83	43.83	51.49	51.49

* Ultimate load based on shoe and brace only.

Brace Spacing* in Feet (see notes)																					
	SBPB417	SBPB422	SBPB427	SBPB432	SBPB51232	SBMR326	SBMR326	SBPB51237	SBMR376	SBMR376	SBPB51242	SBMR426	SBMR426	SBMR428	SBMR428	SBPB51252	SBMR528	SBMR528	SBMR628	SBMR628	
	17'-0" Fixed	22'-0" Fixed	22'-0" Fixed w/5' Ext	22'-0" Fixed w/10' Ext	32'-0" Fixed	32'-0" Modular w/SBI	32'-0" Modular w/DBI	32'-0" Fixed w/5' Ext	37'-0" Modular w/SBI	37'-0" Modular w/DBI	32'-0" Fixed w/10' Ext	42'-0" Modular w/SBI	42'-0" Modular w/DBI	42'-0" Modular w/SBI	42'-0" Modular w/DBI	32'-0" Fixed w/20' Ext	52'-0" Modular w/SBI	52'-0" Modular w/DBI	62'-0" Modular w/SBI	62'-0" Modular w/DBI	
85' height																				4.17	4.17
80' height																				4.77	4.77
75' height																				5.54	5.564
70' height																2.19	5.70	7.54	6.49	6.49	
65' height																2.60	6.75	8.93	7.69	7.69	
60' height											3.54	6.36	6.36	6.61	11.13	3.12	8.10	10.72	9.23	9.23	
55' height											4.32	7.75	7.75	8.05	13.56	3.80	9.87	13.06	11.24	11.24	
50' height								7.09	8.87	13.01	5.36	9.62	9.62	9.99	16.82	4.71	12.24	16.20			
45' height				3.55	8.88	9.87	16.61	9.04	11.30	16.57	6.83	12.26	12.26	12.73	21.43	6.01	15.60	20.64			
40' height			5.30	4.65	11.63	12.93	21.76	11.84	14.80	21.71	8.94	16.06	16.06	16.68	28.08						
35' height			7.20	6.32	15.79	17.55	29.53	16.07	20.09	29.47											
30' height		11.49	10.22	8.97	22.43	24.92	41.95														
25' height	13.97	17.56	15.62																		
20' height	23.42																				

* Calculations based on solid panels with 80 mph wind speed in worst condition.

Notes:

1. Minimum 20 foot wide panel. Minimum of two braces per panel. Round up to next integer.
2. Assumes two feet below finished floor. Different floor dimension may change spacing and height limits.
3. Brace bolt or concrete slab may be limiting factor for spacing and capacity.