



Structural Channel Frames Capacity Chart Marlette, MI & Lodi, CA



Column Profile				
Model	335B	341B	445B	454B
Height	3"	3"	4"	4"
Section Weight	3.5 lbs/ft	4.1 lbs/ft	4.5 lbs/ft	5.4 lbs/ft
Depth	1-3/8"	1-3/8"	1-5/8"	1-5/8"
Maximum Unsupported Length	Load Capacity Rating (See Load Capacity Rating Notes Below)			
36	34,400	38,400	51,600	57,300
42	34,400	38,400	51,600	57,300
48	34,400	38,400	51,600	57,300
54	34,400	38,400	51,600	57,300
60	34,400	38,400	51,600	57,300
66	33,400	35,900	51,600	57,300
72	29,400	31,400	51,600	57,300
78	25,500	27,100	50,000	54,500
84	22,000	23,500	46,100	49,900
90	19,200	20,500	42,200	45,300
96	16,900	18,000	38,400	40,900
102	15,000	16,000	34,800	36,600
108	13,400	14,300	31,200	32,700
114	12,100	12,800	28,000	29,400
120	10,900	11,600	25,300	26,600

Load Capacity Rating Notes:

- 1 - Capacities are determined per 2002 RMI & AIAI specifications.
- 2 - Capacities are for static loads only.
- 3 - Maximum unsupported length is measured from floor to top of lowest beam or maximum beam spacing, whichever is greater. Beam spacing is top of beam to top of beam.
- 4 - Capacities are only valid for frames manufactured by SpaceRAK which are in good condition and properly maintained.
- 5 - Capacities are only valid when SpaceRAK frames are combined with SpaceRAK beams.
- 6 - Capacities not valid for single-row frames with a height-to-depth ratio exceeding 6:1. Height is from floor to the top loaded shelf level and depth from column face to face.