



No. of Bays	Pallet Sizes						
	30" x 30"	36" x 30"	36" x 36"	42" x 36"	42" x 42"	48" x 48"	52" x 48"
	A (Over All Rail Length)						
4	16'-1"	17'-11"	17'-11"	19'-9"	19'-9"	21'-3"	22'-3"
5	19'-0"	21'-3"	21'-3"	23'-8"	23'-8"	25'-8"	27'-0"
6	21'-11"	24'-7"	24'-7"	27'-7"	27'-7"	30'-1"	31'-9"
7	24'-10"	27'-11"	27'-11"	31'-6"	31'-6"	34'-6"	36'-6"
8	27'-9"	31'-3"	31'-3"	35'-5"	35'-5"	38'-11"	41'-3"
9	30'-8"	34'-7"	34'-7"	39'-4"	39'-4"	43'-4"	46'-0"
10	33'-7"	37'-11"	37'-11"	43'-3"	43'-3"	47'-9"	50'-9"
11	36'-6"	41'-3"	41'-3"	47'-2"	47'-2"	52'-2"	55'-6"
12	39'-5"	44'-7"	44'-7"	51'-1"	51'-1"	56'-7"	60'-3"
13	42'-4"	47'-11"	47'-11"	55'-0"	55'-0"	61'-0"	65'-0"
14	45'-3"	51'-3"	51'-3"	58'-11"	58'-11"	65'-5"	69'-9"
15	48'-2"	54'-7"	54'-7"	62'-10"	62'-10"	69'-10"	74'-6"
16	51'-1"	57'-11"	57'-11"	66'-9"	66'-9"	74'-3"	79'-3"
17	54'-0"	61'-3"	61'-3"	70'-8"	70'-8"	78'-8"	84'-0"
18	56'-11"	64'-7"	64'-7"	74'-7"	74'-7"	83'-1"	88'-9"
19	59'-10"	67'-11"	67'-11"	78'-6"	78'-6"	87'-6"	93'-6"
20	62'-9"	71'-3"	71'-3"	82'-5"	82'-5"	91'-11"	98'-3"

B	Over All System Width	24'-0"	24'-0"	27'-4"	27'-4"	30'-8"	32'-8"	32'-8"
C	Aisle Width	6'-6"	6'-6"	7'-2"	7'-2"	7'-10"	7'-10"	7'-10"
D	Rack Depth	2'-8"	2'-8"	3'-2"	3'-2"	3'-8"	4'-2"	4'-2"
E	Rack Upright Centers (Equal to 1 Bay)	2'-11"	3'-5"	3'-5"	3'-11"	3'-11"	4'-5"	4'-9"

G	O.A. System Height	13'-7"	15'-7"	19'-7"	23'-7"	27'-7"	Number of Pallets Per Section					
		H	Rack Height	10'-4 5/8"	12'-4 5/8"	16'-4 5/8"	20'-4 5/8"	24'-4 5/8"	Load Height	Vertical Height Code		
F	Vertical Height Code	124	148	196	244	292	5" to 8"	124	148	196	244	292
							9" to 12"	6	7	9	11	13
							13" to 16"	5	6	8	9	11
							17" to 20"	4	5	6	8	8
							21" to 24"	3	4	6	7	7
							25" to 28"	3	4	5	5	7
							29" to 32"	3	3	4	5	6
							33" to 35"	2	3	4	5	5

1) In the green chart select a pallet size, then going down the column select the 'Over All Rail Length' that will fit in the space you have available, then follow across to the left column for the 'Number of Bays' for that system. In the blue chart verify that the 'Over All System Width' will fit the space you have available. In the 'System Model Number' below enter the pallet size and the 'Number of Bays' you have selected.

2) In the orange chart select the 'O.A. System Height' that will fit in the vertical height you have available, then follow down the column and write down the 'Vertical Height Code' in the 'System Model Number' below.

3) In the yellow chart find the appropriate 'Load Height' and using the 'Vertical Height Code' locate the 'Number Of Pallets Per Section', then write that number in the formula below the chart. Insert the 'Number Of Bays' in the formula and solve.

Example: Area you are working with; 65'-0" long x 32'-0" Wide x 20'-0" High, desired pallet size 42" x 42" and a 'Load Height' of 26". The 'System Model Number' = P2C-333-42x42-15-196 and the 'Total No. of Pallets' = 5 x 4 x (15-1) = 280

Pallet Size
Bays
Hght Code
No. Pallets
No. Bays

System Model Number: **P2C-333-** _____ - _____ - _____
 Total No. of Pallets = _____ x 4 x (_____ - 1) = _____