

PRACATICAL CALACULATION OF COLD ROOM CAPACITY (Kw/H) 1Kw=859.85Kcal/H)

Room inner volume (m ³)	0/+2' C (Vegetable, Fruits, Butter, Eggs, Milk, Yogaurt) Insulation 100mm		-10'C Frozen Storage Insulation 150mm		-20'C Frozen Storage Insulation 200mm	
	Normal Use Kw.	OverLoaded Use kw	Normal Use Kw.	OverLoaded Use Kw.	Normal Use Kw.	OverLoaded Use Kw.
5	0.55	0.84	0.70	1.05	0.85	1.28
7.5	0.69	1.05	0.87	1.34	1.07	1.60
10	0.87	1.31	1.10	1.69	1.35	2.04
15	1.20	1.80	1.51	2.33	1.86	2.79
20	1.57	2.36	2.04	3.02	2.50	3.75
25	1.54	2.30	2.00	3.00	2.44	3.64
30	2.23	3.37	2.85	4.19	3.49	5.23
40	2.56	3.84	3.20	4.88	3.91	5.87
50	2.98	4.48	3.72	5.58	4.54	6.80
60	3.42	5.12	4.30	6.40	5.23	7.85
70	3.79	5.70	4.65	6.98	5.58	8.37
80	4.01	6.05	5.00	7.56	6.11	9.19
90	4.51	6.77	5.70	8.61	6.98	10.47
100	4.77	7.21	5.93	8.84	7.21	10.82
125	5.76	8.63	7.21	10.82	8.72	13.08
150	6.70	10.06	8.37	12.56	10.23	15.35
175	7.21	10.82	9.01	13.49	11.05	16.57
200	7.27	10.93	9.07	13.61	11.16	16.86
250	8.49	12.79	10.70	16.05	13.08	19.77
300	10.18	15.24	12.79	19.19	15.70	23.26
400	11.92	17.91	15.12	22.68	18.45	26.75
500	14.25	21.52	17.44	26.17	21.28	31.98
750	19.19	29.07	23.26	34.89	28.49	41.87
1000	25.59	38.38	31.98	46.52	38.96	58.15
1500	38.38	55.82	48.85	69.78	59.60	87.22
2000	48.85	69.78	61.06	87.22	74.43	104.67
3000	73.27	104.67	93.04	133.74	113.39	162.82
5000	122.11	174.45	151.19	220.97	183.75	261.67