

Version 1.1 Laboratory Grade Refrigerator and Freezer Draft Specification - ULT Data Set

ULT Freezer	Volume (ft ³)	Variance @ 80°C	Uniformity @ -80°C	Stability @ -80°C	Measured Energy Consumption @ -80°C (kWh/Day)	Measured Energy Consumption @ -70°C (kWh/Day)	Calculated Energy Consumption @ -75°C (kWh/day)	Normalized Energy Consumption @ -75°C kWh/day/ft ³
A	20.1	11.4	6.5	4.0	12.64	8.68	10.97	0.546
B	23	14.1	7.4	6.3	14.89	11.78	13.5	0.587
C	24.7	12.7	6.7	4.2	22.52	15.11	19.03	0.77
D	24	21.1	15.9	3.5	20.46	14.04	17.88	0.745
E	25.7	7.3	4.0	4.2	26.71	19.85	23.76	0.925
F	27.5	23.2	15.4	8.4	9.68	7.89	8.83	0.321
G	28.8	13.0	5.2	6.3	12.12	8.05	10.49	0.364
H	19.4	13.9	6.9	4.4	10.44	7.06	9.08	0.468
I	27.5	22.9	13.5	6.3	8.72	6.96	7.86	0.286
J	28.8	17.1	8.4	4.8	19.96	13.76	16.91	0.587
K	16	11.9	7.5	3.8	14.66	11.06	12.94	0.809
L	25.7	14.1	8.2	4.3	18.89	14.44	16.74	0.651
M	18	11.4	6.8	3.6	14.84	11.72	13.22	0.734
N	18.9	14.6	8.9	4.6	20.43	14.99	17.82	0.943
O	26	14.4	9.2	2.9	17.72	12.64	15.17	0.584