

Product Specifications

High-Capacity Laboratory Cryostorage Freezers

K-Series

SPECIFICATIONS		3K	10K	24K	38K
LN2 Capacity (L)		48	165	365	590
WEIGHT					
Empty	(lbs)	42	245	405	565
	(kgs)	19.1	111	184	256
Full	(lbs)	125	537	1046	1616
	(kgs)	56.7	243	474	733
DIMENSIONS					
Overall Height	(in)	29.7	44.0	44.0	49.0
	(mm)	754	111.8	111.8	1245
Overall Dia.	(in)	15.4	23.1 x 30.5	34.0 x 38.5	42.0
	(mm)	391	587 x 775	864 x 965	1067
Neck Dia.	(in)	14.0	21.0	31.0	39.0
	(mm)	356	533	787	991
Internal Height	(in)	19.2	29.0	29.0	29.0
	(mm)	488	737	737	737
Internal Dia.	(in)	14.0	21.0	31.0	39.0
	(mm)	356	533	787	991
PERFORMANCE CHARACTERISTICS					
Sample Storage Temperature		-100°C to -196°C (-148°F to -320°F) @ 1 atm			
Normal Evaporation Rate (NER)		Less than 50 mm / 2 inch per day			



1-855-750-8191



www.icbiomedical.com

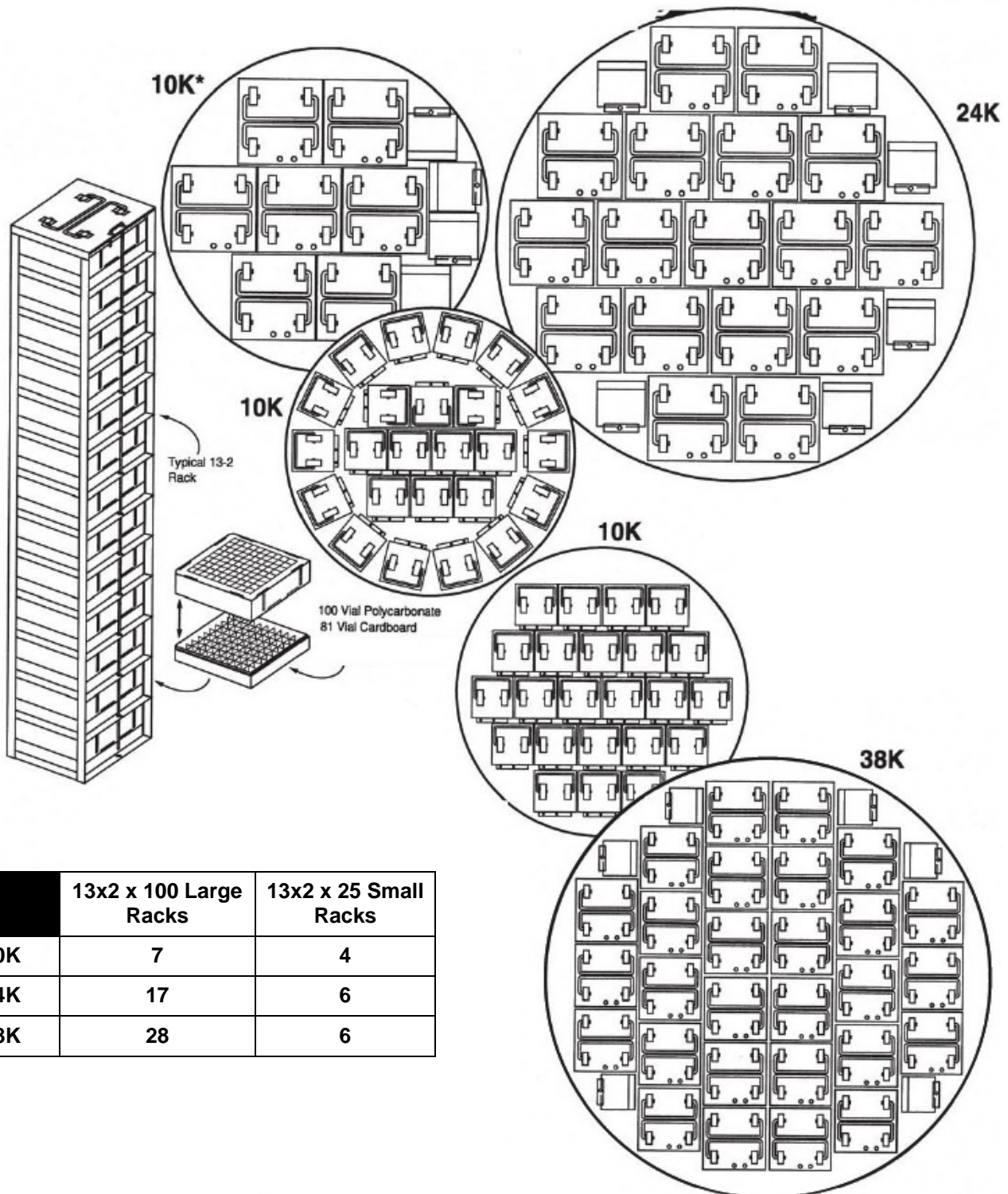


1031 Cass White Road, NW
Cartersville, Georgia 30121

Example of Standard Rack Layout*

High-Capacity Cryostorage Freezers

K-Series



*Note: The end user will be responsible for verification and validation of the inventory/rack system(s) used to demonstrate they meet their use case requirements.

Product Specifications

High-Capacity Cryostorage Freezers

LABS-Series

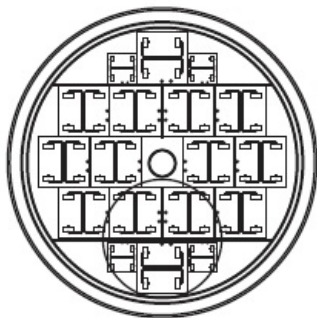
SPECIFICATIONS		20K	38K	40K	80K	80K-AI	AI-91K	94K
LN2 Capacity (L)		371	623	698	1269	1269	916	1595
WEIGHT								
Empty	(lbs)	650	930	920	1550	1550	1495	1700
	(kgs)	295	422	417	703	703	678	771
Full	(lbs)	1311	2040	2164	3811	3811	3123	4542
	(kgs)	595	925	981	1729	1729	1416	2060
DIMENSIONS								
Neck Dia.	(in)	13	18	18	24.5	24.5	24.5	24.5
	(mm)	330	457	457	622	622	622	622
Overall Height	(in)	54	57	54	54	54	45	63
	(mm)	1371	1447	1371	1371	1371	1135	1600
Overall Dia.	(in)	34	42	44.6	59.5	59.5	60	59.5
	(mm)	864	1067	1143	1511	1511	1524	1511
Internal Height	(in)	30	30	30	30	30	13	35
	(mm)	762	762	762	762	762	332	897
Internal Dia.	(in)	29.5	37.5	40.5	55	55	56.5	55
	(mm)	750	965	1029	1397	1397	1443	1397
Step Height	(in)	11	11.5	11 / 16.3	11 / 17	-	-	11 / 22
	(mm)	275	287.5	275 / 407.5	275 / 425	-	-	275 / 550
PERFORMANCE CHARACTERISTICS								
Sample Storage Temperature		-100°C to -196°C (-148°F to -320°F) @ 1 atm						
Normal Evaporation Rate (NER)		Less than 19 mm / 3/4 inch per day						

Example of Standard Rack Layout*

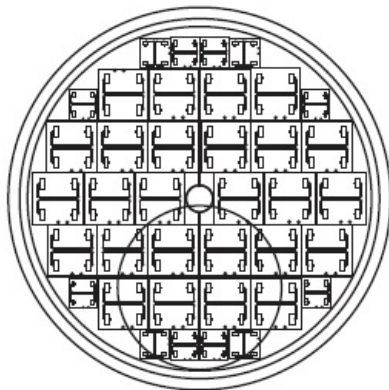
High-Capacity Cryostorage Freezers

LABS-Series

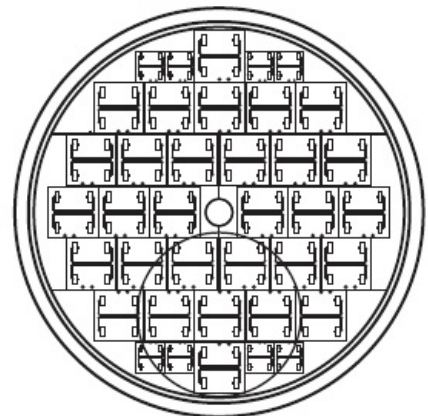
LABS 20K



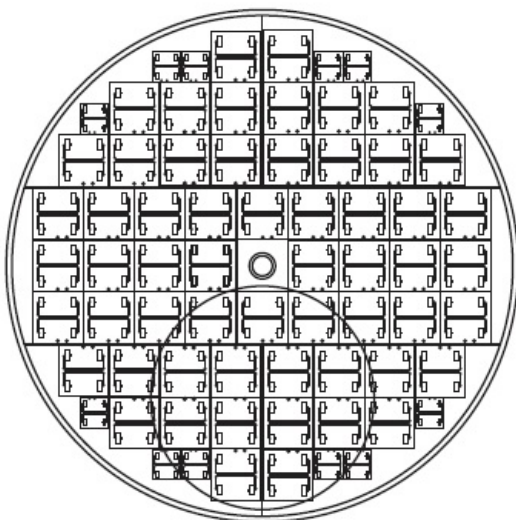
LABS 38K



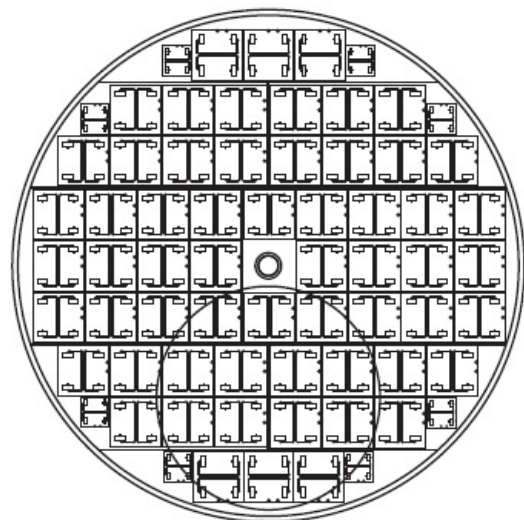
LABS 40K



LABS 80K



LABS 94K



	100 Sample Large Racks	25 Sample Small Racks
LABS20K	14	4
LABS38K	26	12
LABS40K	30	8
LABS80K	58	12
LABS94K	60	8

*Note: The end user will be responsible for verification and validation of the inventory/rack system(s) used to demonstrate they meet their use case requirements.

Product Specifications

High-Capacity Cryostorage Freezers

Precision & Revolution

SPECIFICATIONS		20K	24K	40K	45K	90K	100K
LN2 Capacity (L)		51	51	102	102	271	271
Total Inner Vessel Capacity (L)		689	806	977	1138	1667	1900
WEIGHT							
Empty	(lbs)	462	512	677	737.5	1271	1358
	(kgs)	209.5	232	307	334.5	576.5	616
Full	(lbs)	553	602	857.5	915	175.5	1841
	(kgs)	251	273	389	416.5	795.5	835
DIMENSIONS							
Neck Dia.	(in)	11.8	11.8	16.8	16.8	24.5	24.5
	(mm)	300	300	426	426	622	622
Overall Height	(in)	56.5	63	56	62	58	64
	(mm)	1437	1602	1419	1574	1469	1625
Overall Dia.	(in)	32	32	42	42	60	60
	(mm)	814	814	1068	1068	1524	1524
Useable Height	(in)	31	37	31	37	32	37.5
	(mm)	785	936	788	947	800	958
Internal Dia.	(in)	30	30	40	40	58	58
	(mm)	760	760	1012	1012	1470	1470

PERFORMANCE CHARACTERISTICS

Sample Storage Temperature	0°C to -196°C (32°F to -320°F) @ 1 atm
Normal Evaporation Rate (NER)	Less than 19 mm / 3/4 inch per day