

# K-Series

## CRYOSTORAGE FREEZERS

Reliable, efficient vapor\* or liquid LN<sub>2</sub> storage for easy access to stored materials



### FEATURES

- Intuitive touch controls
- Stainless Steel vacuum vessel
- Modular design
- Durable powder coated cabinet (10K/24K)
- Caster mounted
- Superior vacuum performance
- Optional step for 38K
- Blood bag inventory control system and capacity details are available upon request



SPECIFICATIONS	3K	10K	24K	38K
Static Holding Days	19	33	52	73
Working Time (Days)	12	20	32	46
Evap. Rate (Liters/Day)	2.5	5.0	7.0	8.0
LN <sub>2</sub> Capacity (L)	48	165	365	590
<b>WEIGHT</b>				
Empty	(lbs)	42	245	405
	(kg)	19.1	111	184
Full	(lbs)	125	537	1046
	(kg)	56.7	243	474
<b>DIMENSIONS</b>				
Neck Dia.	(in)	14.0	21.0	31.0
	(mm)	356	533	787
Overall Height	(in)	29.7	44.0	44.0
	(mm)	754	111.8	111.8
Overall Dim.	(in)	15.4	23.1 x 30.5	34.0 x 38.5
	(mm)	391	587 x 775	864 x 965
Internal Height	(in)	19.2	29.0	29.0
	(mm)	488	737	737
Internal Dia.	(in)	14.0	21.0	31.0
	(mm)	356	533	787
<b>CAPACITY</b>				
2 ml Plastic Vials	3024	10400	24050	38350
# of 100/81 Cell Racks	N/A	7	17	28
# of 25 Cell Racks	N/A	4	6	6
# of Shelves	N/A	13	13	13
Box Shape/Size	Triangle	Square		Square
	Size (in)	6.75 x 6.87	5 x 5	3 x 3
	Size (mm)	171 x 175	127 x 127	76 x 76
	Vials Per Box	56	100	25
0.50cc straws, 10/goblet, 2-13mm goblets/cane, two-tier turn-table inventory control	N/A	44000	59400	114000
Roller Base	366742	N/A	N/A	N/A
CS100 Controller	N/A	372540	372541	N/A
CS200 Controller	N/A	367901	367914	368086

**Notes:**

- (1) Evaporation rate and static holding time are nominal. Actual rate may be affected by the nature of the contents, atmospheric conditions, container history, and manufacturing tolerances.
- (2) Work time is an arbitrary, reference-only value to estimate container performance under the actual operating conditions.

\* When using K Series freezers in vapor phase, Aluminum racks must be used.