



Reliable and Efficient Storage

K Series

Worthington Industries' K Series cryogenic systems offer reliable and efficient liquid nitrogen storage and easy access to stored product. Featuring the safety of electronic controllers that monitor and manage liquid level, temperature, and a full array of alarms, the K Series freezers provide solutions to either liquid or vapour phase storage requirements.

Features

- Suitable for vapour* or liquid storage
- 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



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

MODEL		3K	10K	24K	38K
Static Holding Days		19	33	52	73
Working Time days		12	20	32	46
Evaporation Rate liters/days		2,5	5,0	7,0	8,0
Liquid Nitrogen Capacity - liters		48	165	365	590
Weight Empty	lbs. kg.	42.0 19.1	245 111	405 184	565 256
Weight Full	lbs. kg.	125 56.7	537 243	1046 474	1616 733
Neck Diameter	in. mm.	14.0 356	21.0 533	31.0 787	39.0 991
Overall Height	in. mm.	29.7 754	44.0 111.8	44.0 111.8	49.0 1245
Overall Dimensions	in. mm.	15.4 391	23.1x30.5 587x775	34.0x38.5 864x965	42.0 1067
Usable Height - Internal	in. mm.	19.2 488	29.0 737	29.0 737	29.0 737
Internal Diameter	in. mm.	14.0 356	21.0 533	31.0 787	39.0 991
2 ml Plastic Vials		3024	10400	24050	38350
Number of 100/81 Cell Racks		N/A	7	17	28
Number of 25 Cell Racks		N/A	4	6	6
Number of Shelves		N/A	13	13	13
Box Size Shape		Triangle	Square	Square	
in.		6.75x6.87	5x5	3x3	
mm.		171x175	127x127	76x76	
Vials per box		56	100	25	
0.50cc straws, 10 per goblet, 2-13mm goblets per cane, two tier turn-table inventory control system		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.

CONTACT US

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