



CRYOGENIC PRODUCTS & SERVICES

- Design
- Installation
- Service
- Inspection







THAMES CRYOGENICS LTD
Total Cryogenic Solutions

MVE Cabinet Series

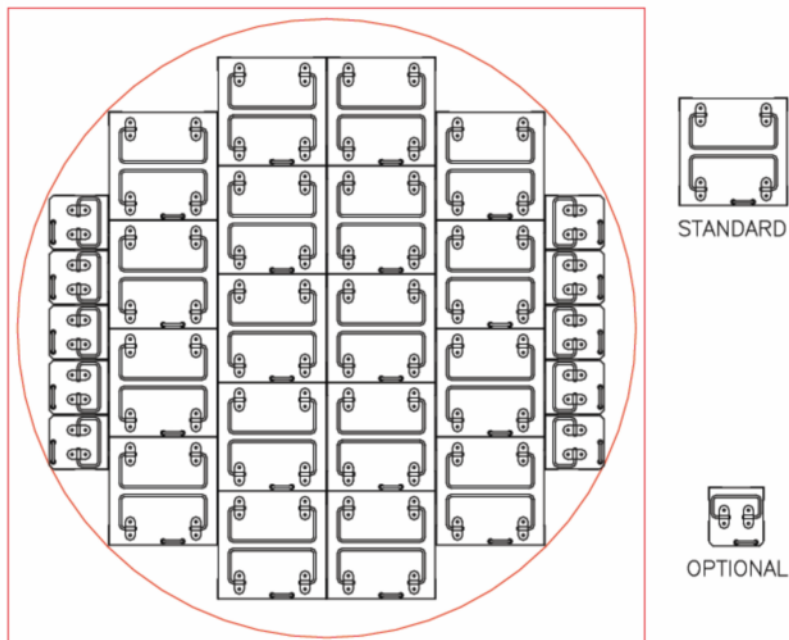
The MVE Cabinet Series provides stable cryogenic storage for up to 26,550 1.2 / 2.0 ml vials in a square outer package. These freezers provide maximum storage density and the industry's longest hold time. Although engineered for storage in liquid, the MVE Cabinet Series can be operated in vapor using available vapor storage accessory packs.



Key Features

-  Liquid sample storage
-  Ergonomic design
-  Largest LN2 capacity
-  Two year standard warranty
-  Five year vacuum warranty
-  Many spares available

Square Rack Layout

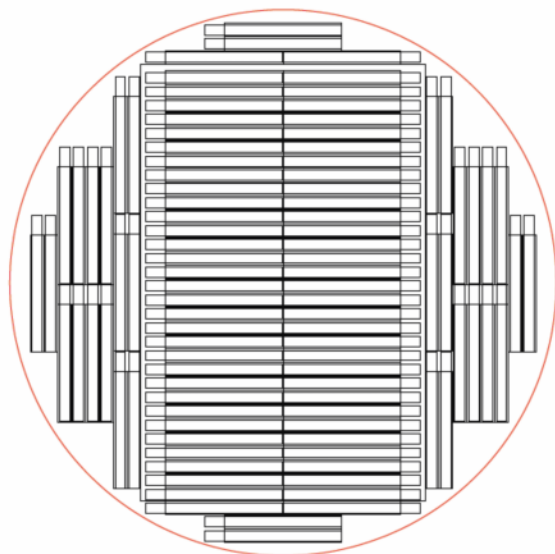


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4R9951 Layout



Maximum Storage Capacity

1.2 & 2 ml Vials (Internally Threaded)	16.900	26.650
Number of Racks 100 cell boxes	12	18
Number of Racks 25 cell boxes	4	10
Number of Stages per Rack	13	13
High Security Straw Capacity (0.5 ml)	50.400	79.800
Number of Canisters (73 mm)	60	95
Goblets/Canister : Straws/Goblet	5:168	5:168

Performance

LN2 Capacity L	243	388
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Unit Dimensions

Neck Opening <i>in. (mm)</i>	25,1 (638)	31,8 (806)
Usable Internal Height <i>in. (mm)</i>	30,0 (762)	29,9 (759)
Overall Height <i>in. (mm)</i>	41,4 (1051)	42,3 (1075)
Outside Diameter <i>in. (mm)</i>	35,1x28 (892x711)	41,1x34,8 (1.044x883)
Inner Diameter <i>in. (mm)</i>	25,1 (638)	31,8 (806)
Door Width Requirement** <i>in. (mm)</i>	35,1x28 (892x711)	41,1x34,8 (1.044x883)
Weight Empty <i>lb. (kg)</i>	352 (160)	530 (240)
Weight Liquid Full* <i>lb. (kg)</i>	785 (356)	1.198 (543)

Blood Bag Capacities

	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames
791 OS/U (25 ml)	1.372	7	196	2.226	7	318
4R9951 (50 ml)	612	6	102	924	6	154
4R9953 (250 ml)	336	4	84	512	4	128
4R9955 (500 ml)	248	4	62	424	4	106
DF200 (200 ml)	200	4	50	336	4	84
DF700 (700 ml)	116	4	29	168	4	42

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