

# 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.

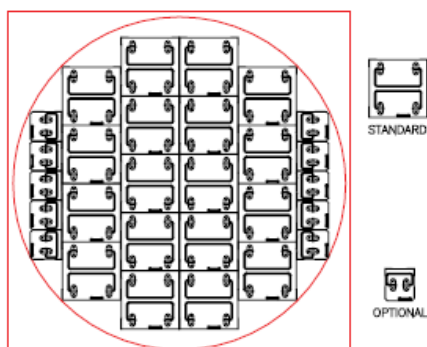
### Features include:

- Liquid sample storage
- Ergonomic design
- Largest LN2 capacity

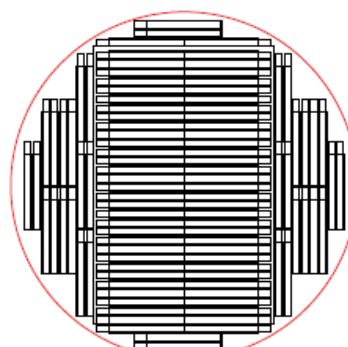


### Rack Layouts

Square Rack Layout



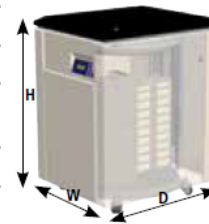
4R9951 Layout





# MVE Cabinet Series

	MVE 616C	MVE 1426C				
<b>Maximum Storage Capacity</b>						
1.2 & 2 ml Vials (Internally Threaded)	16,900	26,650				
Number of Large Racks 100 cell boxes	12	18				
Number of Mini Racks 25 cell boxes	4	10				
Number of Shelves 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				
<b>Performance</b>						
LN2 Capacity L	243	388				
<b>Unit Dimensions</b>						
Neck Opening in. (mm)	25.1 (638)	31.8 (806)				
Usable Internal Height in. (mm)	30.0 (762)	29.9 (759)				
Overall Height in. (mm)	41.4 (1051)	42.3 (1075)				
Outside Dimensions (H x W x D) in. (mm)	41.1 x 28 x 35.1 (104.4 x 71.1 x 89.2)	42.3 x 34.8 x 41.1 (88.4 x 180.3 x 104.4)				
Inner Diameter in. (mm)	25.1 (638)	31.8 (806)				
Door Width Requirement** in. (mm)	35.1x28 (892x711)	41.1x34.8 (1044x883)				
Weight Empty* lb. (kg)	352 (160)	530 (240)				
Weight Liquid Full* lb. (kg)	785 (356)	1198 (543)				
<b>Blood Bag Capacities</b>						
	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



TWO Year Parts Warranty • FIVE Year Vacuum Warranty

Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU. Freezer systems UUC/UL Listed.

\* Without inventory

\*\*Minimum width required for vessel to pass through opening. Footprint may vary. Contact Tech Service for detailed drawings.