

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

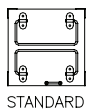
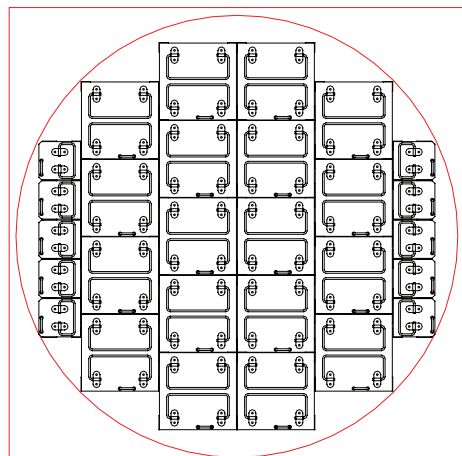


Visit www.chartbiomed.com for more information.

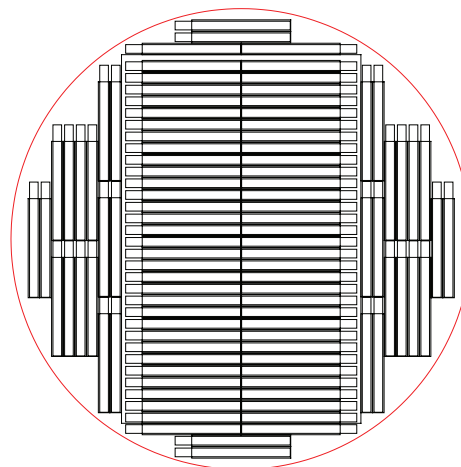
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Rack Layouts

Square Rack Layout



4R9951 Layout



MVE 616C

MVE 1426C

Maximum Storage Capacity

	MVE 616C	MVE 1426C
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

	MVE 616C	MVE 1426C
LN2 Capacity L	243	388

Unit Dimensions

	MVE 616C	MVE 1426C
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 (1044x883)
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 (1044x883)
Weight Empty <i>lb. (kg)</i>	352 (160)	530 (240)
Weight Liquid Full* <i>lb. (kg)</i>	785 (356)	1198 (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

TWO Year Standard Warranty • FIVE Year Vacuum Warranty

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

* Without inventory

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