



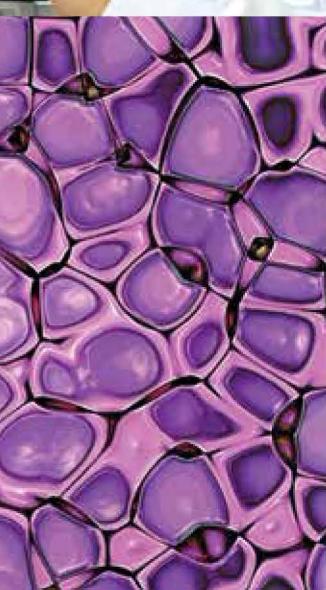
A Chart Industries Company



PrincetonCryo.com

Cryogenic Delivery and Storage Systems

CHART®



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. MVE Cabinet Series are primarily designed for liquid storage.

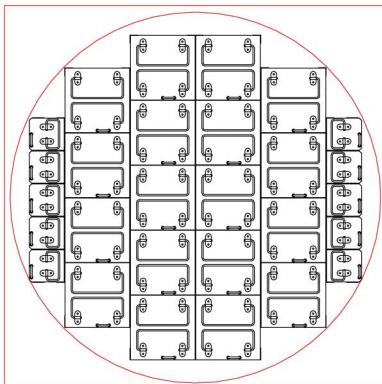
Features include:

- Liquid sample storage
- Ergonomic design
- Largest LN₂ Capacity
- Optional Battery Backup

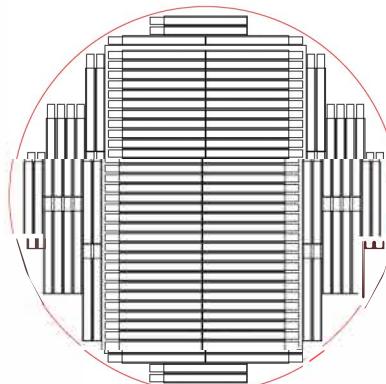


Rack Layouts

Square Rack Layout



4R9951 Layout



MVE 616C

Maximum Storage Capacity

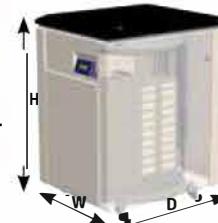
1.2 & 2 ml Vials (Internally Threaded)	16,900	26,650
Quantity of Large Racks 100 cell boxes	12	18
Quantity of Mini Racks 25 cell boxes	4	10
Number of Shelves per Rack	13	13
High Security Straw Capacity (0.5 ml)	50,400	79,800
Number of Canisters (73 mm)	60	95
Goblets/Canister : Straws/Goblet	5:168	5:168

Performance

LN2 Capacity w/o Inventory L est.	240	388
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Unit Dimensions

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)	41.4 x 28 x 35.1 (1052 x 711 x 892)	42.3 x 34.8 x 41.1 (1075 x 884 x 1044)
Inner Diameter in. (mm)	25.1 (638)	31.8 (806)
Door Width Requirement** (W X D) in. (mm)	28x35.1 (711x892)	34.8x41.1 (884x1044)
Weight Empty* lb. (kg)	352 (160)	530 (240)
Weight Liquid Full* lb. (kg) est.	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 Parts 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.