

MVE Stock Series

The MVE Stock Series provides the ultimate in security for the breeding industry and are primarily used to store semen and embryos. The freezers are designed for pull and pack shipment, with a wide neck opening for easy access. Although engineered for full liquid storage, the MVE Stock Series can be operated in vapor using the available vapor storage accessory packs.

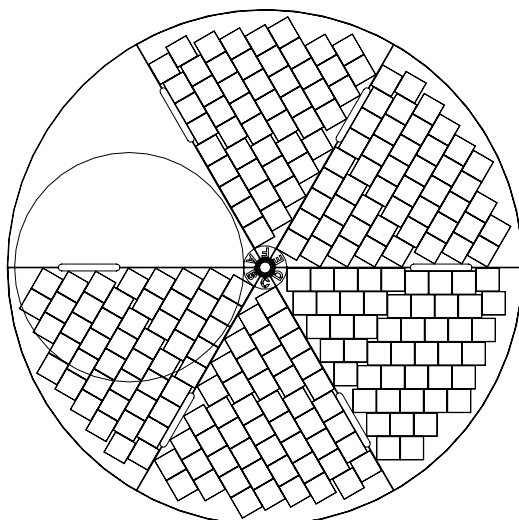
Features include:

- Wide neck opening
- Lowest liftover height
- Largest LN2 capacity

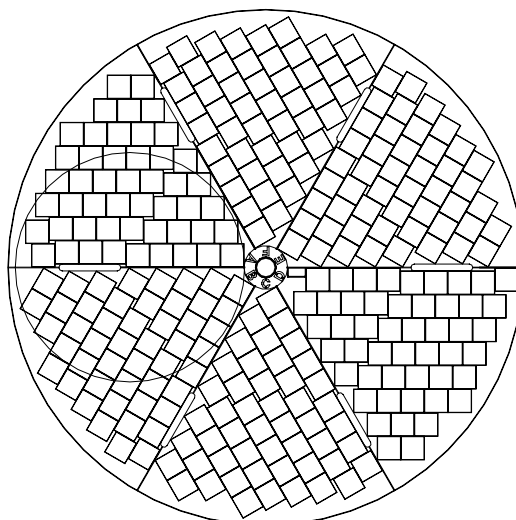


Rack Layouts

1877P-2T-150



TOP TIER CAPACITY
245 BOXES



BOTTOM TIER CAPACITY
294 BOXES

MVE 103	MVE 808	MVE 816P-2T-190	MVE 1318	MVE 1842P-150	MVE 1877P-2T-150
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Maximum Storage Capacity

1.2 & 2 ml Vials

(Internally Threaded)	MVE 103	MVE 808	MVE 816P-2T-190	MVE 1318	MVE 1842P-150	MVE 1877P-2T-150
Number of Racks 100 cell boxes	-	12	105	24	-	-
Number of Racks 25 cell boxes	-	4	-	8	-	-
Total Number of Racks	-	16	21	32	-	-
High Security Straw Capacity (0.5 ml)	7,728	37,296	31,584	76,104	-	347,424
Number of Canisters (73 mm)	23	74	94	151	-	517
Goblets/Canister : Straws/Goblet	2:168	3:168	2:168	3:168	2:168	4:168
Number of SUC-1 canisters (2.5"x2.5"x11)	22	61	115	129	294	539
Number of 1.2 ml vials on canes	3,168	8,784	16,560	18,576	42,336	77,616
Number of 2.0 ml vials on canes	1,760	4,880	9,200	10,320	23,520	43,120
Number of 1/2 cc straws 10/cane	6,820	18,910	35,650	39,990	91,140	167,090

Performance

LN2 Capacity L	MVE 103	MVE 808	MVE 816P-2T-190	MVE 1318	MVE 1842P-150	MVE 1877P-2T-150
	39	230	381	482	915	1400

Unit Dimensions

	MVE 103	MVE 808	MVE 816P-2T-190	MVE 1318	MVE 1842P-150	MVE 1877P-2T-150
Neck Opening in. (mm)	16.0 (406)	25.0 (634)	12.5 (317)	35.5 (901)	25.0 (635)	25.0 (635)
Usable Internal Height in. (mm)	12.0 (305)	22.0 (558)	13.0 (330) per level	18.8 (479)	13.0 (332)	13.0 (330) per tray
Inner Diameter in. (mm)	16.00 (406)	28.30 (720)	28.70 (728) top tray 27.70 (702) bottom	39.60 (1007)	56.25 (1429)	56.25 (1429)
Overall Height in. (mm)	16.4 (415)	42.8 (1088)	50.0 (1271)	47.0 (1193)	44.3 (1127)	58.2 (1479)
Door Width Requirement** in. (mm)	18 (457)	31 (787)	32 (813)	42 (1067)	60 (1524)	60 (1524)
Weight Empty lb. (kg)	48 (22)	250 (114)	475 (215) est.	469 (213)	1167 (530)	1600 (726)
Weight Liquid Full* lb. (kg)	117 (53)	660 (300)	1155 (524) est.	1328 (602)	2798 (1270)	4094 (1857)

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.