



MVE Stock Series

Available with the TEC 3000

The MVE Stock Series provides high security for the IVF industry and are primarily used to store semen and embryos. The freezers are designed for easy sample access with a wide neck opening. Although engineered for liquid storage, most MVE Stock Series can be used to store in vapor.

Key Features

- Low liftover height
- Large LN₂ Capacity
- Optional Battery Backup



MVE Stock Series

	MVE 103***	MVE 816P-2T-190	MVE 1842P-150	MVE 1877P-2T-150
Maximum Storage Capacity				
○ 1.2 & 2 ml Vials (Internally Threaded)	-	10,500	-	-
○ Quantity of Large Racks 100 cell boxes	-	-	-	-
○ Quantity of Mini Racks 25 cell boxes	-	-	-	-
○ Number of Shelves per Rack	-	-	-	-
○ High Security Straw Capacity (0.5 ml)	7,728	31,584	-	347,424
○ Number of Canisters (73 mm)	23	94	-	517
○ Goblets/Canister : Straws/Goblet	2:168	2:168	2:168	4:168
○ Number of SUC-1 Canisters (2.5"x2.5"x11)	22	115	294	539
○ Number of 1.2 ml Vials on Canes	3,168	16,560	42,336	77,616
○ Number of 2.0 ml Vials on Canes	1,760	9,200	23,520	43,120
○ Number of 1/2 cc Straws 10/cane	6,820	35,650	91,140	167,090
Performance				
○ LN ₂ Capacity at Platform Vapor L est.	-	56	-	250
○ LN ₂ Capacity w/o Inventory L est.	39	381	872	1456
Unit Dimensions				
○ Neck Opening in. (mm)	16.0 (406)	12.5 (317)	25.0 (635)	25.0 (635)
○ Usable Internal Height in. (mm)	12.0 (305)	13.0 (330) per level	13.0 (330)	13.0 (330) per tray
○ Inner Diameter in. (mm)	16.00 (406)	28.70 (728) top tier 27.70 (702) bottom tier	56.1 (1425)	56.25 (1429) top and bottom tiers
○ Overall Height with Auto Fill in. (mm)	16.4 (415)***	58.0 (1473)	51.1 (1296)	64.6 (1639)
○ Door Width Requirement** in. (mm) Outer Dims	18 (457)	32 (813)	60 (1524)	60 (1524)
○ Weight Empty* lb. (kg)	48 (22)	475 (215)	1167 (530)	1721 (781)
○ Weight Liquid Full* lb. (kg) est.	117 (53)	1155 (524)	2721 (1234)	4316 (1958)

FIVE Year Vacuum Warranty - TWO Year Parts Warranty

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

MVE 103 is CE Marked but MDD does not apply.

* Without inventory

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

***Not available with Auto Fill.

