



MVE Stock Series

Designed for pull and pack shipment

The MVE Stock Series provides high security for the storage of semen and embryos. The freezers are designed for pull and pack shipment, 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
- LargeLN₂ Capacity



MVE Stock Series

	MVE 103***	MVE 816P-2T-190	MVE 1842P-150	MVE 1877P-2T-150
Maximum Storage Capacity				
Total Bulk Straw Capacity (1/4 cc in 65mm Goblets)	37,720	551,040	2,386,200	551,040
Total Number of 65mm Goblets : Goblets/Level	46:2	672:4	2910:5	672:4
Total Straw Capacity (1/4cc - 10 per Cane)	6,820	35,650	91,140	167,090
Total Number of SUC-1 Canisters	22	115	294	539
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

* Without inventory

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

