



MVE 800 Series -190°C High Efficiency Freezer

The MVE 800 Series -190°C freezers provide stable cryogenic storage for up to 19,500 1.2 / 2.0 ml vials. These freezers provide maximum storage density and provide the industry's longest hold time. Also available in -150°C versions

Features include:

• Dry sample storage

• -190°C top box temperature

• Lowest liftover height

• Largest LN2 capacity below turn tray

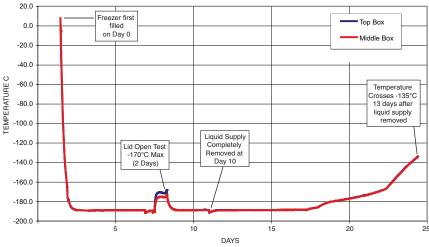




Temperature Test Graph

* Temp Test indicates typical performance of 800 Series -190°C freezer with full inventory system and factory recommended level settings. Actual performance may vary with atmospheric conditions and usage.



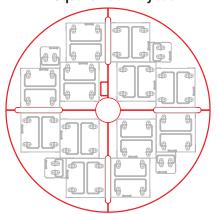


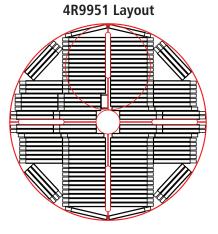




Rack Layouts (P)

Square Rack Layout





	MVE 815P-190			MVE 818P-190			81	MVE 819P-190		
Maximum Storage Capacity										
1.2 & 2 ml Vials (Internally Threaded)	15,600			18,200				19,500		
Number of Racks 100 cell boxes	12			12				12		
Number of Racks 25 cell boxes	4			4				4		
Number of Stages per Rack	12			14				15		
High Security Straw Capacity (0.5 ml)	36,960			46,200			55,440			
Number of Canisters (73 mm)	55			55			55			
Goblets/Canister : Straws/Goblet	4: 168			5:168			6:168			
Performance										
LN2 Capacity L	370				420			463		
LN2 Capacity Under										
Platform Vapor Storage L	52				55			55		
Unit Dimensions										
Neck Opening in. (mm)	12.5 (317)			12.5 (317)			12.5 (317)			
Usable Internal Height in. (mm)	26.6 (676)				30.7 (781)			34.5 (877)		
Inner Diameter in. (mm)	28.8 (731)				28.8 (731)			28.8 (731)		
Overall Height in. (mm)	49.0 (1245)			53.3 (1353)			57.0 (1449)			
Door Width Requirement** in. (mm)	32.0 (813)			32.0 (813)			32.0 (813)			
Weight Empty lb. (kg)	475 (215)			495 (225)			515 (234)			
Weight Liquid Full* lb. (kg)	1134 (514)			1168 (530)			1340 (608)			
Blood Bag Capacities										
	Total	Bags/	No.	Total	Bags/	No.	Total	Bags/	No.	
704.06/11/25	Bags	Frame	Frames	Bags		Frames	Bags	Frame	Frames	
791 OS/U (25 ml)	1,224	6	204	1,632	8	204	1,836	9	204	
Compact (25ml)	2322	7	258	2064	8	258	1806	9	258	
4R9951 (50 ml)	768	6	128	896	7	128	1024	8	128	
4R9953 (250 ml)	416	4	104	416	4	104	520	5	104	
4R9955 (500 ml)	304	4	76	304	4	76	380	5	76	
DF200 (200 ml)	236	4	59	236	4	59	295	5	59	
DF700 (700 ml)	-	-	-	-	-	-	-	-	-	

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.