

MVE High Efficiency 800 -190°C Series



Features include

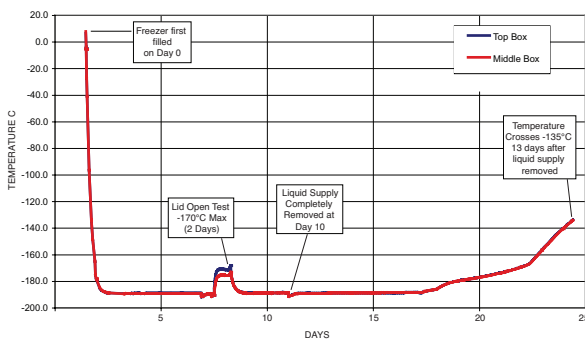
- Dry sample storage
- -190°C top box temperature
- Lowest liftover height
- Largest LN₂ capacity at vapor platform
- Optional Battery Backup



- Optional One-Tier and Two-Tier Steps

Featuring the TEC 3000

The MVE High Efficiency 800 Freezer Series provides vapor storage temperature at -190°C. Available in three unique sizes these freezers provide maximum storage density and provide the industry's longest hold time.



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.

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844-MVE-CRYO

	MVE 815P-190	MVE 818P-190	MVE 819P-190						
Maximum Storage Capacities									
1.2 & 2 ml Vials (Internally Threaded)	15,600	18,200	19,500						
Quantity of Large Racks 100 cell boxes	12	12	12						
Quantity of Mini Racks 25 cell boxes	4	4	4						
Number of Shelves per Rack	12	14	15						
Performance									
LN ₂ Capacity w/o Inventory L est.	370	420	463						
LN ₂ Capacity at Vapor Platform L est.	52	55	55						
Unit Dimensions									
Neck Opening in. (mm)	12.5 (317)	12.5 (317)	12.5 (317)						
Usable Internal Height in. (mm)	26.5 (673)	30.7 (781)	34.5 (877)						
Inner Diameter in. (mm)	28.8 (731)	28.8 (731)	28.8 (731)						
Overall Height w/Autofill in. (mm)	57.0 (1448)	61.3 (1556)	65.0 (1651)						
Door Width Requirement** in. (mm)	32.0 (813)	32.0 (813)	32.0 (813)						
Door Width Requirement** with handles in. (mm)	33.2 (843)	33.2 (843)	33.2 (843)						
Weight Empty* lb. (kg)	475 (215)	495 (225)	515 (234)						
Weight Liquid Full* lb. (kg) est.	1134 (514)	1168 (530)	1340 (608)						
Blood Bag Capacities									
	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames	Total Bags	Bags/ Frame	No. Frames
791 OS/U Medsep (25 ml)	1,224	6	204	1,428	7	204	1,836	9	204
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

TWO Year Parts Warranty • FIVE Year Vacuum Warranty

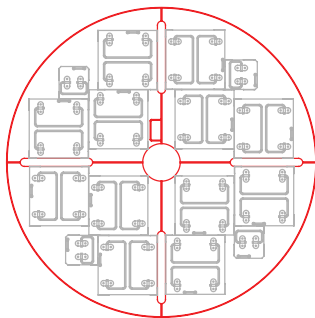
Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU. Freezer systems UL/C-UL Listed.

* Without inventory

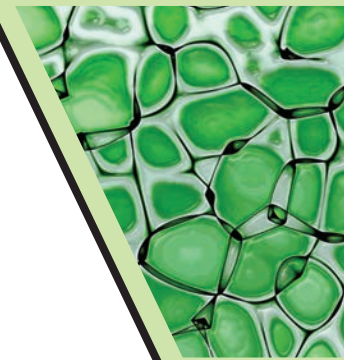
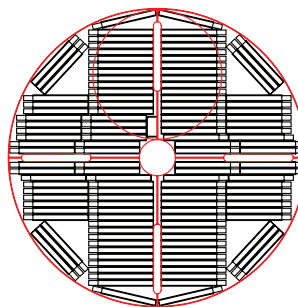
**Minimum width required for vessel to pass through opening. Footprint may vary. Contact Tech Service for detailed drawings.

Rack Layout

Square Rack Layout (P)



4R9951 Layout (R)



Visit www.mvebio.com for more information.

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