



# MVE Series



MVE Cryo-Preservation Systems are designed for the user requiring either vapor or liquid storage. A wide neck opening and stainless steel construction provides the most durable environment for your biological samples. With advanced features and storage from 3,200 to 39,000 vials, the MVE series is the choice of laboratories worldwide.

The MVE 611 & 1411 Series Freezers are designed primarily for liquid phase storage. If vapor storage is required, ask your distributor about the vapor storage accessory package.

## PRODUCT SPECIFICATIONS

MODEL	MVE 230 / MVE 204*	MVE 230 II / MVE 205	MVE 511 / MVE 510	MVE 611 / MVE 616	MVE 1411 / MVE 1426	MVE 1841 / MVE 1839
<b>MAXIMUM STORAGE CAPACITY</b>						
Number of 1.2 & 2.0 ml vials in racks	3200	5200	10,400	16,900	26,650	39,000
Number of racks (100 vials )	4 (8/2 rack)	4 (13/2 rack)	7 (13/2rack )	12(13/2 rack)	18 (13/2 rack )	28 (13/2 rack)
Number of racks ( 25 vials )	-	-	4 (13/2rack )	4 (13/2 rack)	10 (13/2rack )	8 (13/2 rack)
Total number of racks	4	4	11	16	28	36
Number of blood bags stored ( Fenwal 4R-9953)	-	132	224	352	512	980
<b>PERFORMANCE</b>						
Liquid nitrogen capacity (liters)	63	89	158	236	375	669
Power supply	-	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
<b>UNIT DIMENSIONS</b>						
Neck opening (in/mm)	16.1 / 408	16.0 / 408	20.8 / 528	25.13 / 638	31.75 / 806	39.5 / 1003
Usable height (in/mm)	19.38 / 492	28.9 / 735	28.6 / 726	29.81 / 757	28.7 / 726	33.3 / 846
Overall height (in/mm)	30.25 / 768	45.25 / 1150	44 / 1118	40.69 / 1 033	40.69 / 1034	48 / 1219
Outside diameter (in/mm)	18 / 457	18.0 / 457	22.75 / 579	27.38 / 695	33.75 / 857	42 / 1067
Internal diameter (in/mm)	16.1 / 408	16.0 / 408	20.8 / 528	25.13 / 638	31.75 / 806	39.5 / 1003
Weight empty ( lbs/kg )	79 / 36	125 / 57	242 / 110	283 / 128	530 / 240	675 / 306
Weight full ( lbs/kg )	191 / 87	283 / 129	524 / 238	704 / 319	1198 / 543	1867 / 847

\*Number of SUC-1 Canisters is 22

**TWO Year Standard Warranty**  
**FIVE Year Vacuum Warranty**

Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU