



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 |
|---|--------------------|----------------------|-------------------|-------------------|---------------------|---------------------|
| MAXIMUM STORAGE CAPACITY | | | | | | |
| 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 |
| PERFORMANCE | | | | | | |
| Liquid nitrogen capacity (liters) | 63 | 89 | 158 | 236 | 375 | 669 |
| Power supply | - | 24 VDC | 24 VDC | 24 VDC | 24 VDC | 24 VDC |
| UNIT DIMENSIONS | | | | | | |
| 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