

# MVE Cabinet Series

The MVE 600 and 1400 Cryopreservation Systems are designed to provide reliable storage of biological products in liquid or vapor\*. The units are upgraded with improved ergonomics and easier sample access. In addition, the cabinets are constructed from aluminum, with stainless steel top decks. With vial storage capacities ranging from 16900 to 26650, low-maintenance design and the TEC 3000 controller, the MVE Cabinet Series are world-class, wide neck freezers.

\* The MVE 600/1400 Series Freezers are designed primarily for liquid phase storage. If vapor phase storage is required, ask your distributor about the available vapor phase storage accessory package.



## Product Specifications

Model	MVE 616C	MVE 1426C
<b>MAXIMUM STORAGE CAPACITY</b>		
<b>Number of 1.2 &amp; 2.0 mL</b>		
vials in racks	16900	26650
Number of racks <i>100 vials</i>	12	18
Number of racks <i>25 vials</i>	4	10
Number of Stages per Rack	13	13
Total vial capacity	16900	26650
<b>PERFORMANCE</b>		
Liquid nitrogen capacity <i>L</i>	243	388
<b>UNIT DIMENSIONS</b>		
Neck Opening <i>in (mm)</i>	25.1 (638)	31.8 (806)
Usable height <i>in (mm)</i>	30 (762)	29.9 (759)
Overall height <i>in (mm)</i>	41.4 (1051)	42.3 (1075)
Outside diameter <i>in (mm)</i>	35.1x28 (892x711)	41.1x34.8 (1044x883)
Internal diameter <i>in (mm)</i>	25.1 (638)	31.8 (806)
Footprint <i>in (mm)</i>	35.1x28 (892x711)	41.1x34.8 (1044x883)
Weight empty <i>lb. (kg)</i>	352 (160)	530 (240)
Weight full <i>lb. (kg)</i>	785 (356)	1198 (543)

## Blood Bag Capacities (Liquid Phase Storage)

Unit	MVE 616C			MVE 1426C		
	Total Bags	Bags/Frame	No. Frames	Total Bags	Bags/Frame	No. Frames
791 OS/U (25 mL)	1372	7	196	-	-	-
4R9951 (50 mL)	612	6	102	924	6	154
4R9953 (250 mL)	336	4	84	512	4	128
4R9955 (500 mL)	248	4	62	424	4	106
DF200 (200 mL)	200	4	50	336	4	84
DF700 (700 mL)	116	4	29	168	4	42

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

Units available which conform to MDD 93/42/EEC, the Medical Device Directive for the EU.