MVE Series

The MVE Series freezers provide stable cryogenic storage for up to 39,000 1.2 / 2.0 ml vials. These freezers provide maximum storage density and provide the industry’s longest hold time. MVE Series are primarily designed for liquid storage.

Features include:
- Liquid sample storage
- Wide neck opening
- Lowest lifterover height
- Largest LN2 capacity
- Optional Battery Backup

## Rack Layouts

### 4R9953 Layout

- **Number of Large Racks 100 cell boxes**: 4
- **Number of Mini Racks 25 cell boxes**: -
- **Number of Shelves per Rack**: 8
- **High Security Straw Capacity (0.5 ml)**: 11,592
- **Number of Canisters (73 mm)**: 23
- **Goblets/Canister : Straws/Goblet**: 3:168
- **Performance LN2 Capacity w/o Inventory**: 65
- **Unit Dimensions**
  - **Neck Opening in. (mm)**: 16.00 (406)
  - **Usable Internal Height in. (mm)**: 19.7 (502)
  - **Inner Diameter in. (mm)**: 16.00 (406)
  - **Overall Height w/ AutoFill in. (mm)**: 30.8 (784)
  - **Door W x D Requirement**
    - **in. (mm)**: 18.0 (457)
  - **Weight Empty**
    - **lb. (kg)**: 79 (36)
  - **Weight Liquid Full**
    - **lb. (kg)**: 195 (88)
  - **Blood Bag Capacities**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**

### DF700 Layout

- **Number of Large Racks 100 cell boxes**: 4
- **Number of Mini Racks 25 cell boxes**: -
- **Number of Shelves per Rack**: 8
- **High Security Straw Capacity (0.5 ml)**: 11,592
- **Number of Canisters (73 mm)**: 23
- **Goblets/Canister : Straws/Goblet**: 3:168
- **Performance LN2 Capacity w/o Inventory**: 65
- **Unit Dimensions**
  - **Neck Opening in. (mm)**: 16.00 (406)
  - **Usable Internal Height in. (mm)**: 19.7 (502)
  - **Inner Diameter in. (mm)**: 16.00 (406)
  - **Overall Height w/ AutoFill in. (mm)**: 30.8 (784)
  - **Door W x D Requirement**
    - **in. (mm)**: 18.0 (457)
  - **Weight Empty**
    - **lb. (kg)**: 79 (36)
  - **Weight Liquid Full**
    - **lb. (kg)**: 195 (88)
  - **Blood Bag Capacities**
    - **Total Bags**
      - **Bags/Frame**
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      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**
    - **Total Bags**
      - **Bags/Frame**
      - **No. Frames**

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**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.
† Not available with Auto Fill.

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