

MBC-4V108

4 °C Blood Bank Refrigerator



MBC-4V108 Blood bank refrigerator (108 liter) is an essential piece of equipment in the immunohematology department and provides safe and convenient storage of whole blood, blood components (e.g., blood cells, plasma), and reagents. It ensures freshness and integrity of blood and blood components. MBC-4V108 can store a total of 66 pcs of 450ml blood bags.

FEATURES



Fast pull down

Real forced air cooling system



Temp. simulation box

Accurately detect the temperature of blood



Suction circulation system

Big fans for better temp uniformity



Universal castor wheels

Proven heavy-duty lockable castors



Lockable doors

3 Standard locks with keys for 3 doors



High-quality SUS 304

Antibacterial and corrosion resistant



Precise temp. control

Temp. fluctuation is controlled at $4 \pm 0.5^\circ\text{C}$



5 types of alarm

Audible and visual alarms



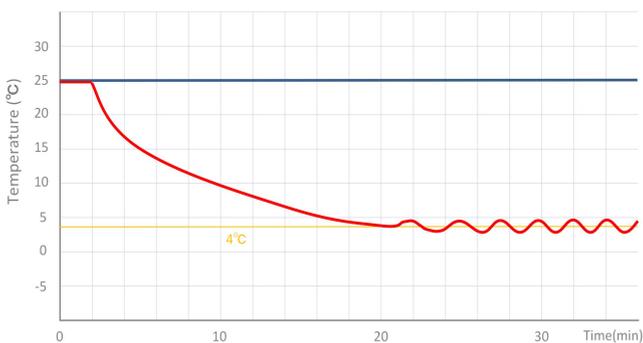
Variable space

Adjustable shelves and baskets

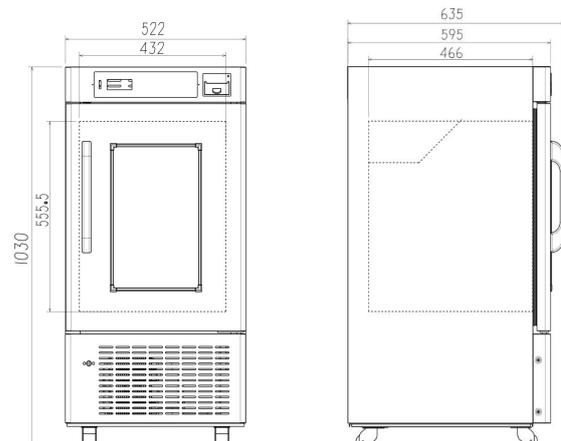


Eco-friendly

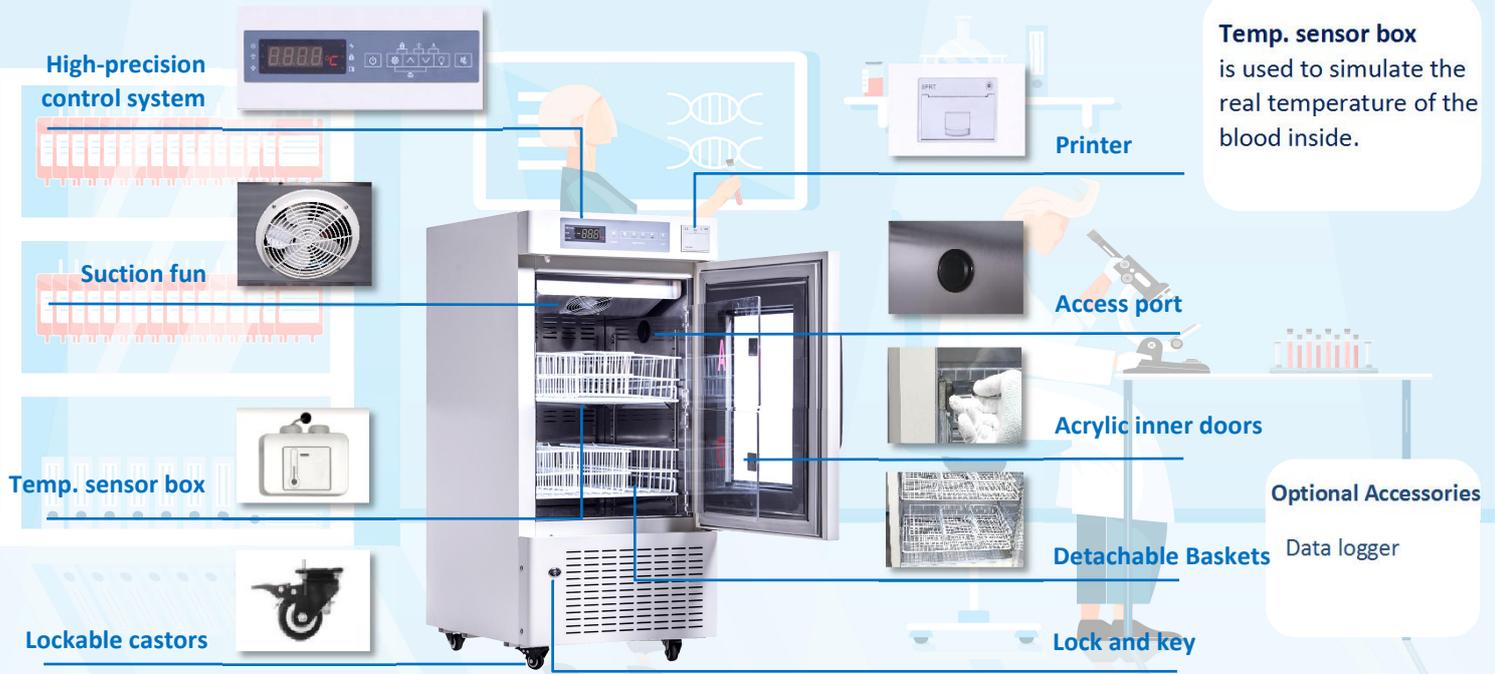
CFC-free refrigerant and energy-saving



MBC-4V108 pull down test



STRUCTURE

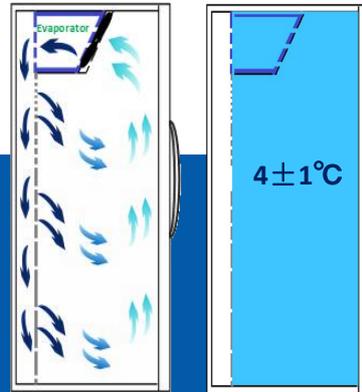


Temp. sensor box is used to simulate the real temperature of the blood inside.

Optional Accessories
Data logger



- Heating foamed glass door
- Thermal printer
- High/low temp. alarm
- Door ajar alarm
- Power failure alarm
- Controller malfunction



Real forced air circulation and excellent refrigeration system pull down the chamber temperature rapidly. Precise cooling technology keeps the temperature inside the chamber constant at $4 \pm 1^\circ\text{C}$

PARAMETER

| Performance | | Refrigeration System | | Alarms | |
|--------------------------|----------------------------|--------------------------|--------------------|------------------------|----------|
| Cooling method | Forced Air Cooling | Refrigerant | R134a | High/low temperature | Y |
| Defrost | Auto | Temp. controller | Microprocessor | Power failure | Y |
| Shelf/drawer | 6/1 | Sensor | NTC | Thermostat failure | Y |
| Temperature range | $4 \pm 1^\circ\text{C}$ | Display | Digital display | Controller malfunction | Y |
| Ambient temperature | $10 \sim 32^\circ\text{C}$ | External material | SPCC sprayed steel | Door ajar | Y |
| NT./GT. | 74/95 | Capacity (L/cu.ft) | 108/3.81 | | |
| Electrical Data | | Dimensions | | Other | |
| Voltage frequency (V/Hz) | 220V 50Hz/60Hz | Package size(W*D*H)(mm) | 700*585*1200 | Inside door | 6 basket |
| Power (W) | 175W | Exterior size(W*D*H)(mm) | 540*630*1030 | Remote alarm port | Optional |
| Current (A) | 1.0 | Interior size(W*D*H)(mm) | 432*462*478 | Access port QTY/Dia. | 1/25mm |
| Power consumption | 1.95kWh/24h | CBM | 0.5 | Internal material | SUS 304 |
| Compressor QTY | 1 EMBRACO | NT./GT. | 74/95 | Noise (db) | 49.6 |