
Blood Bank Refrigerator

MBC-4V108



Applications

The blood bank refrigerators are specially designed to store blood bags and blood-derived products.

Features

- Microprocessor control, ensure the inside temperature within $4\pm 1^{\circ}\text{C}$.
- The temperature accuracy is 0.1°C .
- Specially designed forced-air cooling system, ensure frost-free cabinet and good temperature uniformity.
- Three layer toughened glass door with heater to avoid condensation.
- 304 stainless steel inner chamber.
- Wide available voltage range: 187V~242V.

Security

- Safety door lock and controller setting password to prevent unauthorized access.
- 72 hours build-in back-up battery to display temperature and alarms when power failure or system error.
- Visual and audible alarm system.
- Power failure protection: turn on delay of the cooling system after power failure.
- Controller error protection: when controller or two sensors failed, the device will keep working depending on the preset program.

Humanized design

- 4 casters with stopper for easy moving and fixation.
- 2 adjustable shelves and 6 blood baskets for easy storing.
- Special designed service-free drainage system, ensure no water in the cabinet.
- Auto on/off LED light with manual switch on control panel.
- Auto on/off cooling fan to prevent cold air from leaking out when the door is opening.
- Temperature printer: print current inside temperature automatically per 15 minutes.
- Standard 25mm test hole for easy connecting to temperature monitoring systems.

Optional parts

- Test hole, Data logger, 110V transformer.



Blood Basket



Data Logger (Optional)



Test Hole

Specifications

Model No.	MBC-4V108
Performance	
Temperature Range	+4 ±1 °C
Ambient Temperature	+10~32 °C
Controller	Microprocessor
Display	Digital Display
Noise	49.6 dB
Electrical Data	
Power Supply	220 V/50~60 Hz
Rated Power	160 W
Electrical Current	0.6 A
Power Consumption	1.95 kWh/24h
Refrigeration System	
Compressor	1
Refrigerant	R134a
Cooling Type	Forced air cooling
Defrost Type	Frost Free
Alarm	
High/Low Temperature	Y
Sensor Error	Y
Power Failure	Y
Door Ajar	Y
Low Battery	Y
Dimensions	
Capacity	108 L
Interior Size(W*D*H)	432*462*478 mm
Exterior Size(W*D*H)	522*600*1050 mm
Package Size(W*D*H)	640*740*1270 mm
N.t./G.t.(approx.)	74/95 kg
Accessories	
Caster	4
Shelf	2
Blood Basket	6
Test Hole	25 mm * 1
Temperature Printer	1