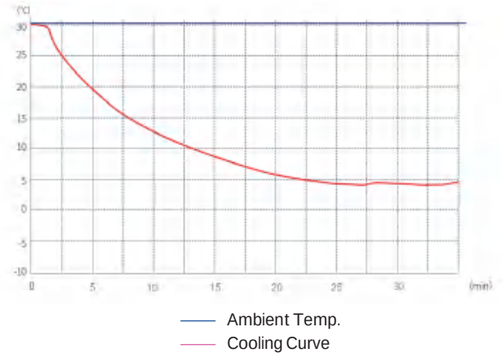
4°C Blood Bank Refrigerator

MBC-4V108 Blood Bank Refrigerator (108 Liters) is a vital piece of equipment for immunohematology departments, offering safe and convenient storage for whole blood, blood components (such as blood cells and plasma), and reagents. It ensures the freshness and integrity of stored blood products. The MBC-4V109 model can accommodate up to 66 units of 450ml blood bags



MBC-4V108/208/368/658



Internal Structure



Individual LED display for each chamber



Suction fan



Temp. sensor box

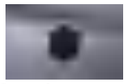


Lockable caster wheels





Printer



Service port



Acrylic inner doors



Detachable baskets

Lock and key

Heated foam glass door

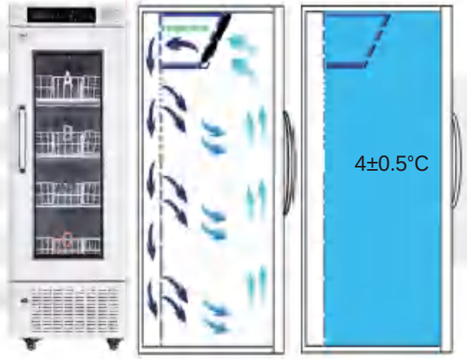
Laser printer

High/low temp. alarm

Door ajar alarm

Power failure alarm

Controller malfunction alarm



With forced air circulation and an excellent refrigeration system, the chamber can be cooled rapidly. Precise cooling technology keeps the temperature constant at 4±0.5°C

Product Advantages

Rapid Cooling
Forced air cooling system

Temperature Probe
Accurately detects blood temperature

Suction Circulation System
Big fans for better temperature uniformity

Universal Caster Wheels
Proven heavy-duty lockable caster wheels

Lockable Doors
Standard lock for door

High-Quality Stainless Steel
Anti-bacterial and corrosion-resistant

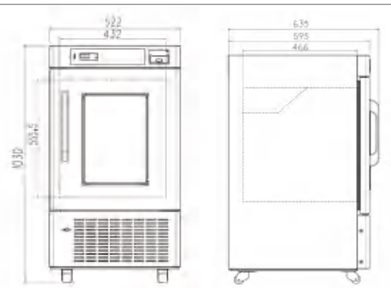
Precise Temperature Control
Temp. fluctuation controlled at 4±0.5°C

5 Types of Alarm
Audible and visual alarms

Adjustable Interior Space
Adjustable shelves and baskets

Eco-friendly
CFC-free refrigerant and energy-saving

Product Dimensions



MBC-4V108

4°C Blood Bank Refrigerator

Product Parameters

Model		MBC-4V108	MBC-4V208
Specifications	Shelves/Quantity	Shelves/2	Shelves/4
	Shelves Material	PVC coated steel wire	PVC coated steel wire
	Cooling	Forced air	Forced air
	Defrost	Auto	Auto
	Refrigerant Type	R134a	R134a
	Refrigerant Weight (g)	60	96
	Power Consumption (kWh/24h)	2.11	2.48
	Noise (dBA)	48	48
Cooling System	Ambient Temperature (°C)	10~32	10~32
	Temperature Range (°C)	4±1	4±1
	Compressor Brand/Quantity	EMBRACO/1	EMBRACO/1
	Sensor	NTC	NTC
	Temperature Controller	Microprocessor	Microprocessor
Power	Display	Digital display	Digital display
	Voltage/Frequency (V/Hz)	220/50	220/50
	Power (W)	168	194
	Current (A)	1.23	1.31
Material	Internal Material	Stainless steel	Stainless steel
	External Material	Powder coated steel	Powder coated steel
	Insulation	PURF	PURF
Dimensions	Capacity (L/Cu. Ft)	108/3.81	208/7.34
	Bloodbags (400ml)	78	156
	Bloodbags (300ml)	96	192
	Bloodbags (200ml)	120	240
	NT./GT. (kg)	74/95	96/120
	Exterior Size (W×D×H) (mm)	522×635×1050	522×635×1550
	Interior Size (W×D×H) (mm)	432×462×478	432×462×978
	Package Size (W×D×H) (mm)	590×700×1210	600×700×1680
	CBM (m^3)	0.50	0.71
	20GP/40GP/40HQ	27/57/114	24/48/48
Alarm	High/Low Temperature	Y	Y
	Power Failure	Y	Y
	Temperature Controller Malfunction	Y	Y
	Backup Battery Malfunction	Y	Y
	Door Ajar	Y	Y
	High Ambient Temperature	/	/
Accessories	Condenser Clean	/	/
	Remote Alarm	Optional (Free)	Optional (Free)
	Power Failure Alarm (For controller)	72h	72h
	Caster	Y	Y
	USB Port	Optional	Optional
	Outer Door Type/Quantity	Heated foam & glass door/1	Heated foam & glass door/1
	Auto-rebound (Outer door)	Y	Y
	Inner Door	2	4
	Test Hole	1/25MM	1/25MM
	Thermal Printer	Y	Y
	Light	LED	LED
	Temperature Recorder	Optional Datalogger	Optional Datalogger
Other	Qualifications	ISO, 9001/13485/14001/45001, CE	ISO, 9001/13485/14001/45001, CE

Model		MBC-4V368	MBC-4V658	MBC-4V1008
Specifications	Shelf/Quantity	Shelves/6	Shelves/12	Drawers/12
	Shelf Material	PVC coated steel wire	PVC coated steel wire	PVC Coated steel wire
	Cooling	Forced air	Forced air	Forced air
	Defrost	Auto	Auto	Auto
	Refrigerant Type	R134a	R290	R290
	Refrigerant Weight (g)	152	120	410
	Power Consumption (kWh/24h)	4.5	5.98	7
	Noise (db)	49	50	50
Cooling System	Ambient Temperature (°C)	10~32	10~32	10~32
	Temperature Range (°C)	4±1	4±1	4±1
	Compressor Brand/Quantity	EMBRACO/1	SECOP/1	SECOP/1
	Sensor	NTC	NTC	NTC
	Temperature Controller	Microprocessor	Microprocessor	Microprocessor
Power	Display	Digital display	Digital display	Digital display
	Voltage/Frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz
	Power (W)	355	391	415
	Current (A)	2.31	2.12	2.25
Material	Internal Material	Stainless steel	Stainless steel	Stainless steel
	External Material	Coated steel	Coated steel	Coated steel
	Insulation	PURF	PURF	PURF
Dimensions	Capacity (L/Cu. Ft)	368/12.98	658/23.23	1008/35.59
	Bloodbags (400ml)	360	432	684
	Bloodbags (300ml)	420	540	864
	Bloodbags (200ml)	540	684	1080
	NT./GT. (kg)	128/160	202/257	265/335
	Exterior Size (W×D×H) (mm)	785×565×1920	1220×635×1885	1220×865×1885
	Interior Size (W×D×H) (mm)	685×429×1380	1100×454×1325	1100×684×1325
	Package Size (W×D×H) (mm)	860×655×1980	1325×745×2120	1330×980×2130
	CBM (m^3)	1.12	2.09	2.78
	20GP/40GP/40HQ	21/43/43	12/25/25	8/16/16
Alarm	High/Low Temperature	Y	Y	Y
	Power Failure	Y	Y	Y
	Temperature Controller Malfunction	Y	Y	Y
	Backup Battery Malfunction	Y	Y	Y
	Door Ajar	Y	Y	Y
	High Ambient Temperature	Y	/	/
Accessories	Condenser Clean	Y	/	/
	Remote Alarm	Optional (Free)	Optional (Free)	Optional (Free)
	Power Failure Alarm (For controller)	24h	72h	72h
	Caster	Y	Y	Y
	USB Port	Y	Optional	Optional
	Outer Door/Type	Heated foam & glass door/1	Heated foam & glass door/2	Heated foam & glass door/2
	Auto-rebound (Outer door)	Y	Y	Y
	Inner Door	6	6	6
	Test Hole	1/25MM	1/25MM	1/25MM
	Thermal Printer	Y	Y	Y
	Light	LED	LED	LED
	Temperature Recorder	Optional (Datalogger)	Optional chart recorder	Optional chart recorder
Other	Qualifications	ISO, 9001/13485/14001/45001, CE	ISO, 9001/13485/14001/45001, CE	ISO, 9001/13485/14001/45001, CE