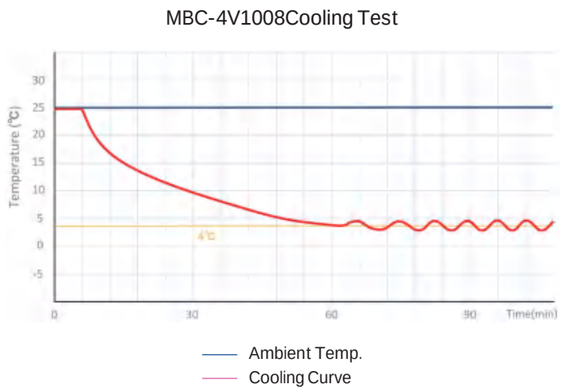
4°C Blood Bank Refrigerator

MBC-4V1008 Blood Bank Refrigerator (1008 Liters) is an essential piece of equipment in immunohematology departments, designed to provide safe and reliable storage of whole blood, blood components (such as blood cells and plasma), and reagents. It ensures the freshness and integrity of blood components. The MBC-4V1009 can accommodate up to 684 units of 400ml blood bags



MBC-4V1008



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 each 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

Internal Structure



High-precision control system



Suction fans



Stainless steel drawers

Self closing
Heated foam glass door

Lock and key





Printer



Acrylic inner doors



Service port

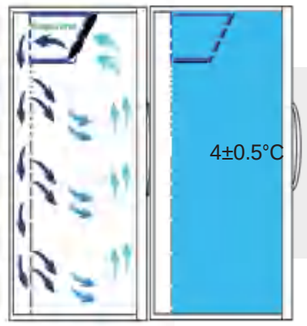


2 sets of
Temp. sensor box



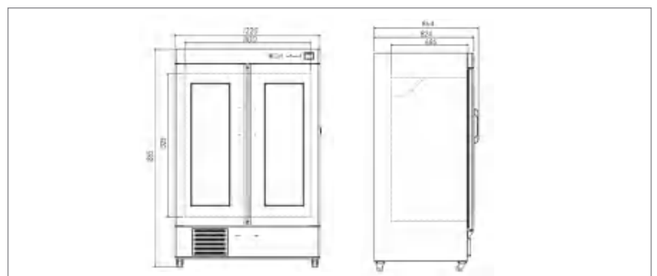
Caster wheels with locks

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 Dimensions



MBC-4V1008

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