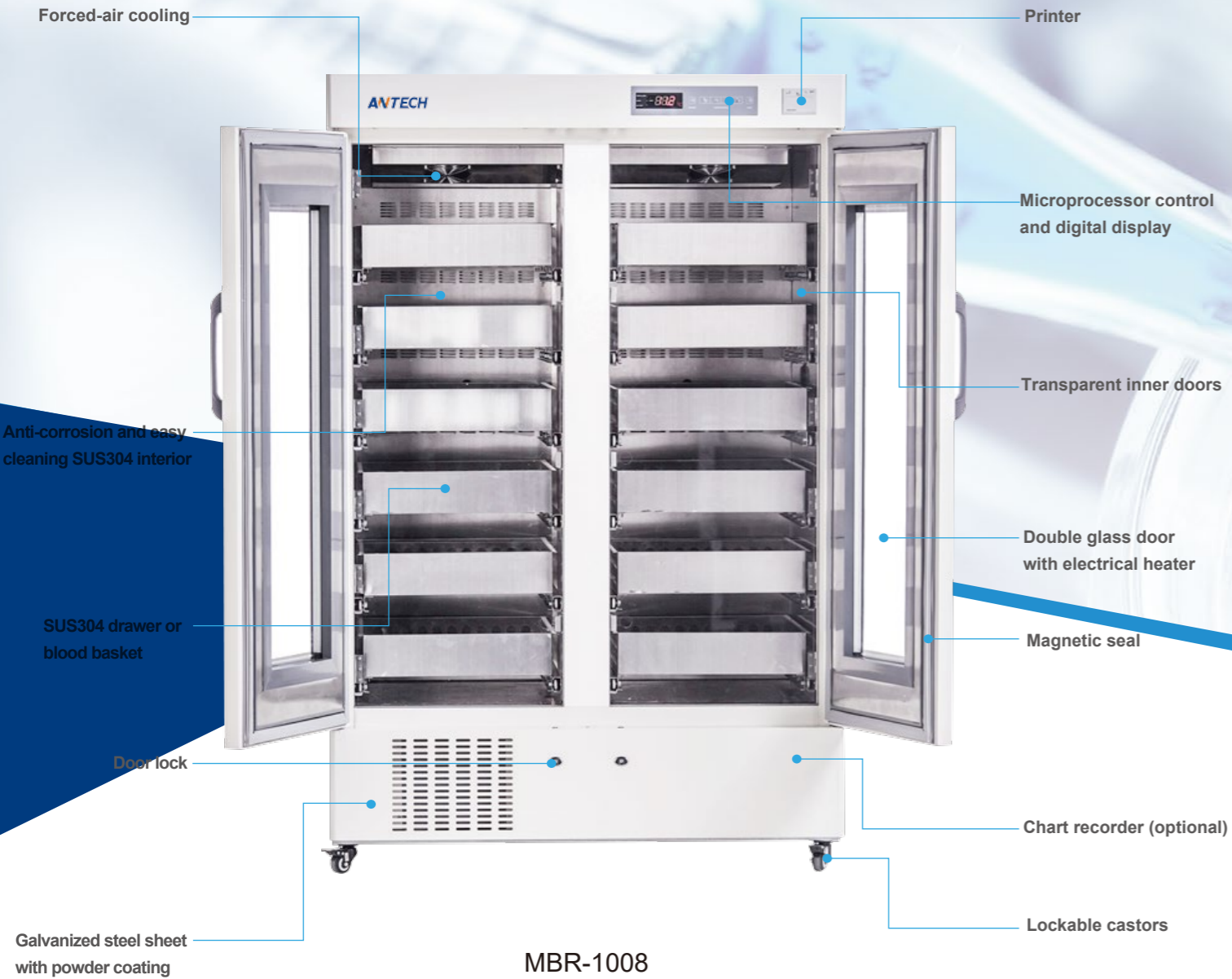


Blood Bank Refrigerator



> Digital Display & Control Panel



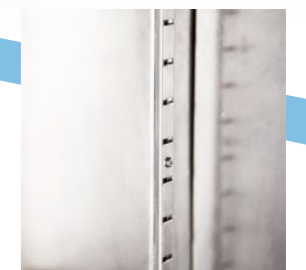
▲ Blood basket



▲ High efficiency fan



▲ Double seals



▲ Adjustable strip

The blood bank refrigerator is specially designed to store whole blood and blood derivatives. It could be used to store pharmaceuticals and biological material in hospitals and laboratories too.



> Features

- Microprocessor control and digital display ensures the inside temperature at $4\pm 1\text{ }^{\circ}\text{C}$ with $0.1\text{ }^{\circ}\text{C}$ resolution
- Multiple sensors placing inside the liquid-loaded monitor bottles, simulating blood bag, constantly monitor the temperature inside.
- Multi air-flow plenum system ensures excellent temperature uniformity
- Auto-defrost

> Ergonomic Design

- Stainless steel interior anti-rust, anti-corrosion
- Epoxy coated exterior anti-bacteria, easy cleaning
- Shelf adjustable
- Lockable caster for easy moving and stop
- Interior LED light
- Self-close door
- Stop structure design prevents door close if opened over 90°C
- Environment friendly refrigerant: CFC-Free and HCFC-Free.

> Reliability

- Transparent Inner doors minimize the air leakage during door open
- Foaming insulation door with double-layer glass and magnetic seals decrease air leakage
- Large air circulation fan enables rapid temperature recovery after door open
- Electrical heater prevents condensation on glass door

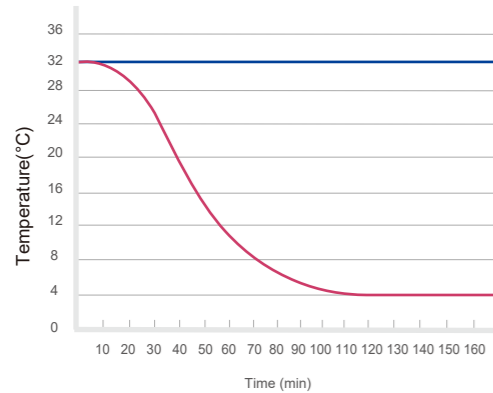
> Safety

- Password protection prevents unauthorized setting
- Safety lock prevents unauthorized access
- Alarm styles: buzzing and light flashing
- Power failure protection
- Start delay function protects the equipment from overload when power resume

> Specification

	Model	MBR-108	MBR-208	MBR-658	MBR-1008
Technical Data	Cabinet Type	Upright	Upright	Upright	Upright
	Capacity (L)	108	208	658	1008
	Ambinet temperature ($^{\circ}\text{C}$)	10-32	10-32	10-32	10-32
	Cooling Type	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling
	Defrost Mode	Auto	Auto	Auto	Auto
	Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free
	Door	Single Glass Door	Single Glass Door	Side-by-side Glass Door	Side-by-side Glass Door
	Electrical Heater	Y	Y	Y	Y
	Noise (dB)	40	42	42	42
Performance	Temperature Range ($^{\circ}\text{C}$)	4 ± 1	4 ± 1	4 ± 1	4 ± 1
Control	Temperature Control	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED	LED
Material	Interior	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	Exterior	Power Coated Steel	Power Coated Steel	Power Coated Steel	Power Coated Steel
Electrical Data	Power Supply(V/Hz)	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz
	Power (W)	160	200	433	513
Dimensions	Blood Storage Capacity (450ml Blood Bags)	60	130	360	576
	Net/Gross Weight (kg)	50/55	67/75	165/195	256/286
	Internal Dimension (W/D/H, mm)	432x462x478	432x462x978	1100x455x1325	1100x710x1325
	External Dimension(W/D/H, mm)	522x600x1050	522x600x1550	1220x648x1885	1220x878x1885
	Packing Dimension(W/D/H, mm)	572x685x1070	572x685x1570	1300x730x2080	1300x960x2080
	Container Load (20'/40'/40'H)	66/136/136	33/68/68	12/27/27	10/21/21
Functions	High/low Temperature Alarm	Y	Y	Y	Y
	Power Failure Alarm	Y	Y	Y	Y
	High/low Voltage Alarm	Y	Y	Y	Y
	Sensor Error Alarm	Y	Y	Y	Y
	Low Battery Alarm	Y	Y	Y	Y
	Door Ajar Alarm	Y	Y	Y	Y
	Door Lock	Y	Y	Y	Y
Accessories	Caster	4	4	4	4
	Test Hole	Y	Y	Y	Y
	Shelf/Basket	2/6	4/12	12/36	12 SS Drawers
	Chart Recorder	N/A	N/A	Optional	Optional
	Data Logger	Optional	Optional	Optional	Optional
Others	Certificate	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001

MBR-208 Pull down test at 32°C ambient



MBR-208 Pull-up test at 32°C ambient

