



For safe preservation of blood and blood-related products

Precise and stable temperature control

Display in 0.1°C increments, switch of temperature display for upper and lower chamber;

2 temperature sensors in tray guarantees high display precision.



The inner cabinet offers the options (mesh rack or drawer) to meet various storage requirements



Mesh rack type blood bags storage capacity (400 ml)

● MBR-300: 150 bags ● MBR-500: 200 bags ● MBR-1000: 432 bags



Drawer type blood bags storage capacity (450 ml)

● MBR-300: 180 bags ● MBR-500: 300 bags ● MBR-1000: 504 bags



MBR-300

Temperature range: $4 \pm 1^{\circ}\text{C}$
External dimensions: $690 \times 755 \times 1835\text{mm}$
Effective capacity: 360L



MBR-500

Temperature range: $4 \pm 1^{\circ}\text{C}$
External dimensions: $850 \times 810 \times 1835\text{mm}$
Effective capacity: 510L



MBR-1000

Temperature range: $4 \pm 1.5^{\circ}\text{C}$
External dimensions: $1210 \times 811 \times 1990\text{mm}$
Effective capacity: 1040L

Blood Bank Refrigerator

MBR-300/500/1000

Blood Bank Refrigerator MBR-300/500/1000

Product features

Stable and Safe

- Imported Hitachi compressor brings stable performance
- MBR-300/500/1000 with unique duct design plus multiple resin inner doors remains the chamber stable at $4\pm1^{\circ}\text{C}$ (MBR-1000: $4\pm1.5^{\circ}\text{C}$)
- Evaporator probe plus smart cycle defrosting prevents temperature fluctuation from defrosting
- Equipped with a temperature chart recorder, it presents temperature data in a circular chart format, making it easy to understand and analyze

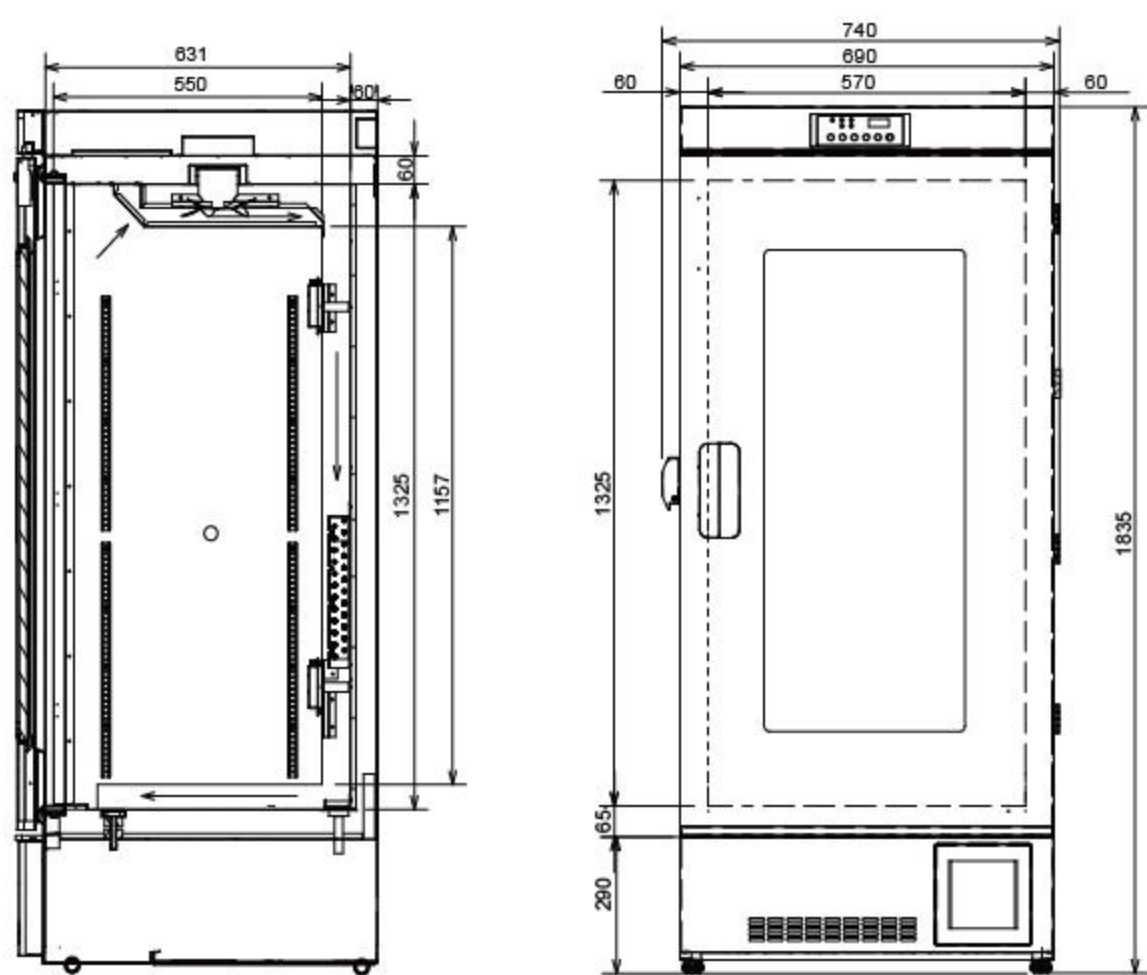
Controller with multi-protection

- In case of temperature control probe failure, the standard back-up probe will be automatically enabled to ensure the safety of stored blood
- In case of electronic controller failure, the accessory mechanical temperature controller will ensure the normal operation

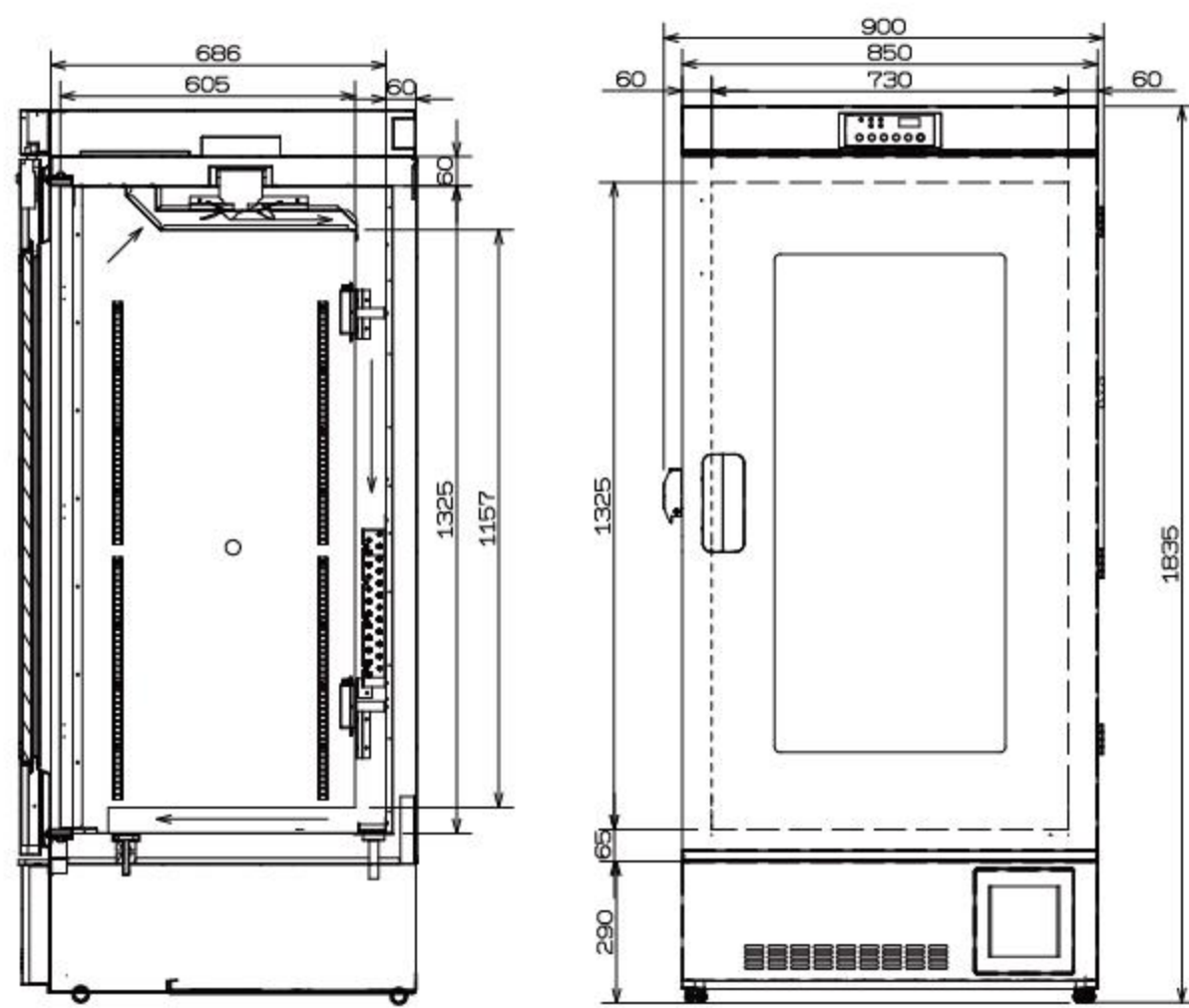
User-friendly design

- Standard mechanical lock ensures sample safety
- Painted-steel-made interior and exterior chamber, beautiful and durable, rust-proof and corrosion-proof
- Height-adjustable shelf divides the chamber into different-sized storage spaces
- Built-in LED in the refrigerator, highlighting and energy-saving
- Foamed outer door with large window class facilitates sample observation
- Defrosting tray is equipped outside to prevent water dripping in case of extremely humid environment
- Evaporating tray is equipped. After drainage, the condensing water will be automatically evaporated by compressor heat, which improves compressor work efficiency and eliminates manual pouring

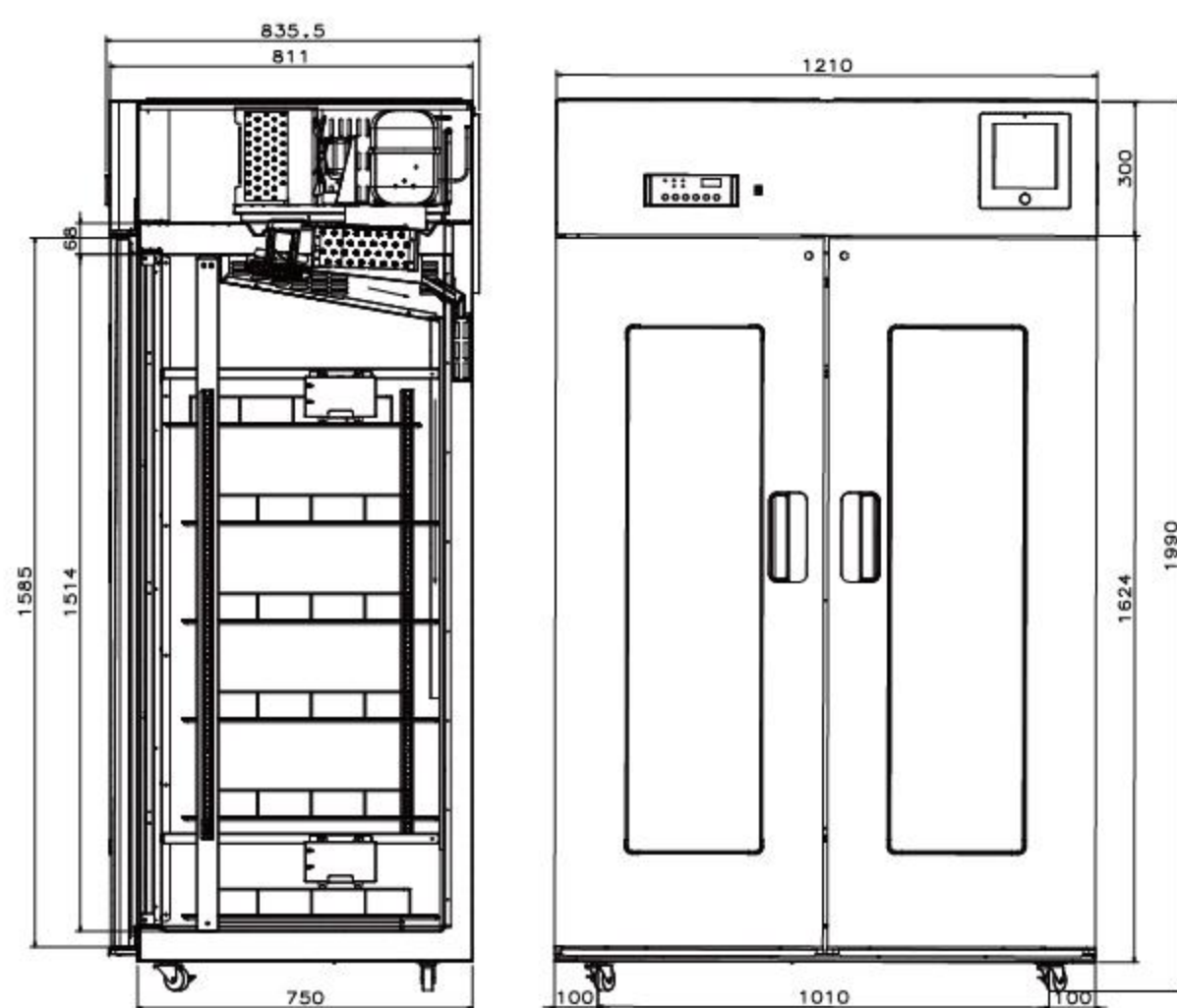
MBR-300 External Dimensions(mm)



MBR-500 External Dimensions(mm)



MBR-1000 External Dimensions(mm)



Technical parameters

Model	MBR-300	MBR-500	MBR-1000
Temperature range	$4\pm1^{\circ}\text{C}$ (AT $10\sim35^{\circ}\text{C}$)		$4\pm1.5^{\circ}\text{C}$ (AT $10\sim35^{\circ}\text{C}$)
Effective capacity	360L	510L	1040L
External dimensions(W×D×H)	690×755×1835mm	850×810×1835mm	1210×811×1990mm
Internal dimensions(W×D×H)	570×550×1157mm	730×605×1157mm	1074×682×1514mm
Net weight	147kg	165kg	220kg
Rate input power	230W	270W	470W
Exterior	Painted steel		
Interior	Painted steel		
Outer door	Foamed glass door with heat reflective film(×1)		Foamed glass door with heat reflective film(×2)
Inner door	Organic glass(×5)		Organic glass(×12)
Lock	Available		
Access port	φ32(×1, left)		
Compressor	Hermetic		
Refrigerant	R134a(environmentally-friendly)		R404A(environmentally-friendly)
Alarm	High/low-temp alarm, door ajar alarm, condenser blockage alarm, condenser abnormally high-temp alarm, sensor failure alarm		
Standard configuration	Monitor bottle(2), LED lamp, key(1 set), 5-layer mesh rack(5)/ 5-layer drawer(5)		Monitor bottle(2), LED lamp, key(2 sets), 6-layer mesh rack(12)/ 6-layer drawer(12)

Alphavita
BIO SCIENTIFIC



Alphavita Bio-Scientific(Dalian)Co.,Ltd.

No.61 Huaihe West Road, Economic and Technology Development Zone, 116000, Dalian, Liaoning

Sales: **+86 18640846040**

Website: <http://www.alphavitabio.com/>

Product technical parameters and styles are for reference only, not as a basis for ordering.
Information mentioned is subject to change(s) without prior notice, Please in kind prevail.