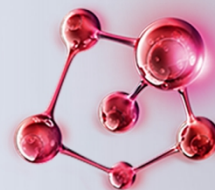# 4°C Blood Bank Refrigerator

Super High Quality
Precise Temperature Control
Safeguarding Security of Blood

XC - 170L

Constant Temperature under Intelligent Control
· Return air duct design, ensuring a temperature control accuracy at 0.1°C inside the cabinet;
· High-precision computerized temperature control system, built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control, ensuring safe and stable operation.

Security System
Perfect audible and visual alarm system comes with alarm functions for high temperature, low temperature, sensor failure, door ajar, and power failure.

High-efficiency Refrigeration
· Advanced air cooling design, precision temperature control, safeguarding security of blood
· Stainless steel inner container, copper tube evaporator, powerful refrigeration

Precise Temperature Control

1-inch high-brightness digital temperature display, allowing to set the temperature precision of ±1°C inside the cabinet, and the precision of temperature display accuracy at 0.1°C

Refrigeration System

· Equipped with brand high-efficient compressor, EBM fan motor, performing efficient energy and quiet.
· High-precision computerized temperature control system, built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control, ensuring safe and stable operation.

Power Management

· Equipped with power management module, optimized energy saving;
· High-precision voltage control, stabilizing the voltage and refrigerator performance
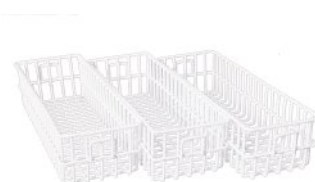· Reduce the redundancy heat, completely eradicate overheating risk

Automatic Defrost

· Return air duct design, ensuring a temperature control precision of ±1°C inside the cabinet;
· Equipped with automatic defrost function, force defrost
· Optional PVC transparent inner door.

Alam System

· Perfect audible and visual alarm system comes with alarm function for high temperature, low temperature, sensor failure, door ajar, and power failure etc.
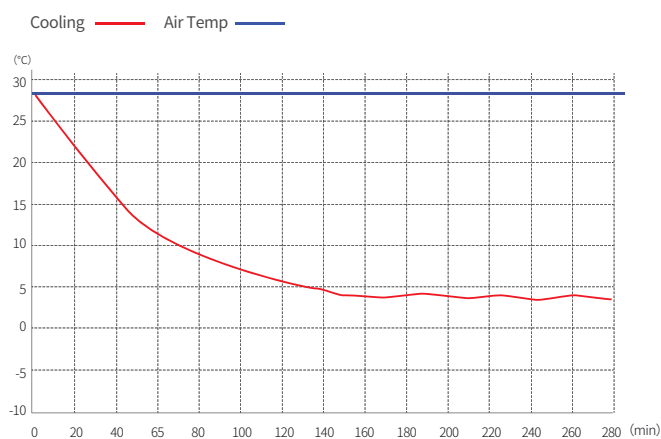
Human-oriented

· Equipped with 6 dip-coating shelves with label strips(Stainless steel pull-out racks are optional)
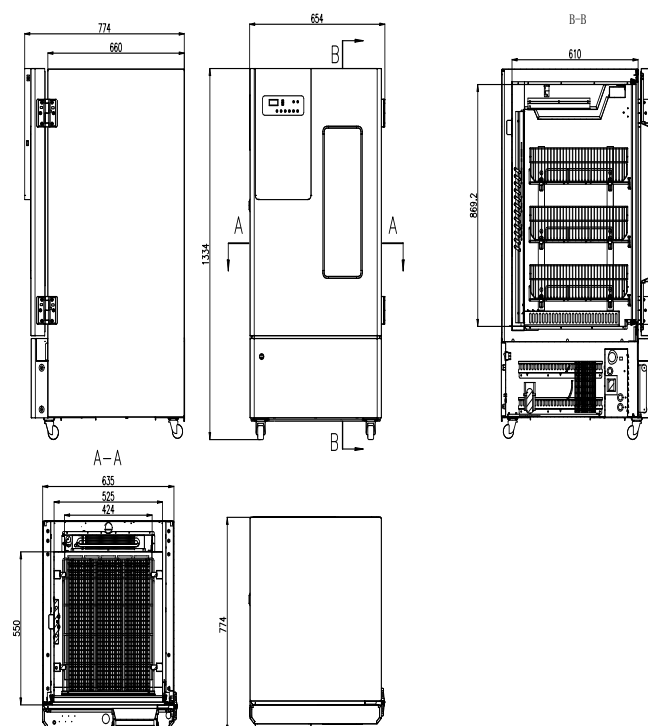· 9 dip-coating blood bag frames , can hold 90 blood bags in 450ml for each.

✓ Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

Performance Data / Cooling Curve

Cooling —— Air Temp ——

External Dimensions

⚕ Specification Chart

4℃ Blood Bank Refrigerator

Model	XC-170L
Cabinet Type	Upright
Capacity(L)	170
Internal Size(W*D*H)mm	525*550*744
External Size(W*D*H)mm	654*774*1330
Net Weight(Kgs)	106

Performance	
Temperature Setting	2~6℃
Ambient Temperature	16-32℃
Climate Class	N
Controller	Microprocessor
Display	Digital display

Refrigeration	
Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness(mm)	55

Construction	
External Material	Powder coated material
Inner Material	Aluminum plate with spraying (optional Stainless steel)
Shelves	3(coated steel wired shelf)
Door Lock with key	Yes
Blood Basket	9
Access Port	1pc. Ø 25 mm
Casters	4　(2 casters with brake)
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years
Backup Battery	Yes

Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery
System	Sensor failure,Door ajar,Condenser overheating，Built-in datalogger USB failure，Communication error

Electrical	
Power Supply(V/HZ)	220/50
Input Power(W)	260
Rated Current(A)	1.7

Accessories	
Options	Chart recorder
Standard	Remote alarm contact,RS485

*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.
*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.