

# 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 microprocessor temperature control system, built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control, ensuring safe and stable



### 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, finned evaporator, powerful refrigeration



### Precise Temperature Control

1-inch high-brightness digital temperature display, allowing to set the temperature precision within 2-6°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 microprocessor 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 within 2-6°C inside the cabinet;  
· Equipped with automatic defrost function, force defrost;  
· Optional magnet inner door.



### Alarm System

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



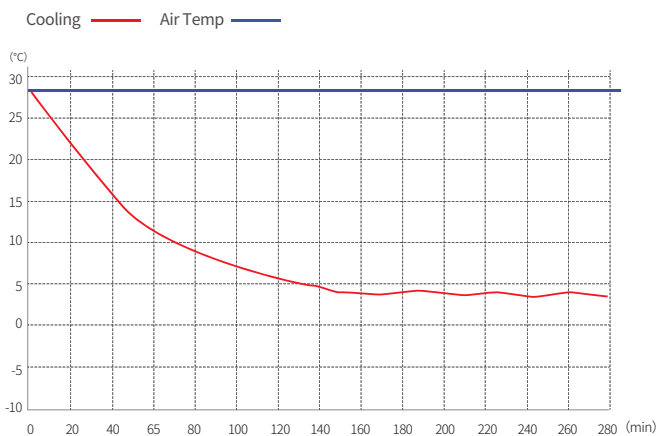
### Human-oriented

· Equipped with 3 steel drawers with label holders(Stainless steel are optional);  
· Up to 135 bags of 400ml blood bags and 117 bags of 450ml blood bags can be loaded.

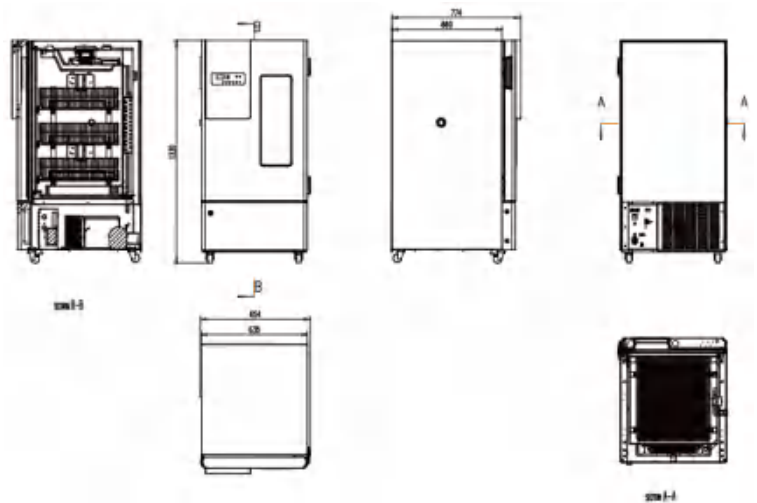
## ✓ Scope of Application

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



## 📏 External Dimensions



## Specification Chart

4°C 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
Package Size(W*D*H)mm	700*837*1492
NW/GW(Kgs)	106/135
Performance	
Temperature Setting	2~6°C
Ambient Temperature	16-32°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness(mm)	R/L:55,U:55,D:55,B:50
Construction	
External Material	PCM
Inner Material	Stainless steel
Shelves	3(coated steel wire shelf)
Door Lock with key	Yes
Access Port	1pc. Ø 25 mm
Casters	4 (2 casters with brakes)
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 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 USB datalogger failure, Communication error
Electrical	
Power Supply(V/HZ)	220/50
Input Power(W)	360
Rated Current(A)	1.69
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.

