

# 4°C Blood Bank Refrigerator

*Super High Quality*

*Precise Temperature Control*

*Safeguarding Security of Blood*



## XC - 618L

### Intelligent control of constant temperature

- Vortex return air duct design, built-in upper and lower temperature sensors, ensuring a temperature control accuracy at 0.1 °C inside the cabinet;
- Intelligent Android touch screen, intelligent sampling data statistics, real-time time sampling information.

### Real Safety

- 6 temperature probes can ensure high precision of temperature control with nearly no fluctuation and thus can improve safety.

### High-efficiency Refrigeration

- Advanced air cooling design, precision temperature control, safeguarding security of blood;
- Stainless steel inner container, copper tube evaporator, powerful refrigeration.



### Intelligent Temperature Control

7-inch HD intelligent display touch screen, user-friendly interface and more accurate temperature control, with Bluetooth, Wi-Fi and other functions, more convenient operation and more comprehensive functions.



### Multiple security protection

Open the refrigerator securely with fingerprint, swipe card and electronic password to prevent malicious entry, input data intelligently, and quickly check the status of samples.



### 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.



### 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.



### Alarm System

- Perfect audible and visual alarm system comes with alarm function for high temperature, low temperature, sensor fault, door open, and power off.



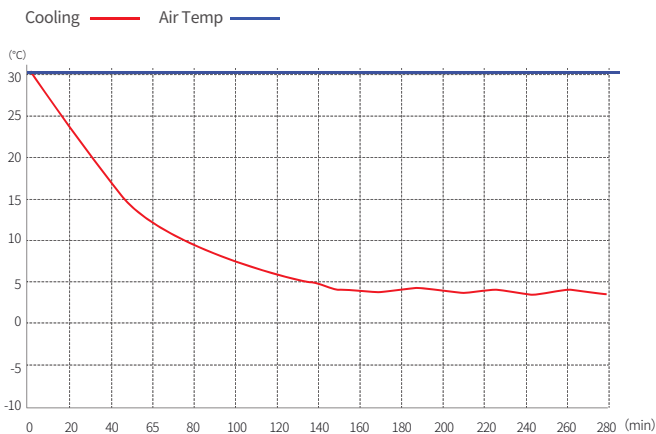
### Human-oriented

- Equipped with 6 stainless steel drawers;
- Can hold 312 blood bags in 450ml for each.

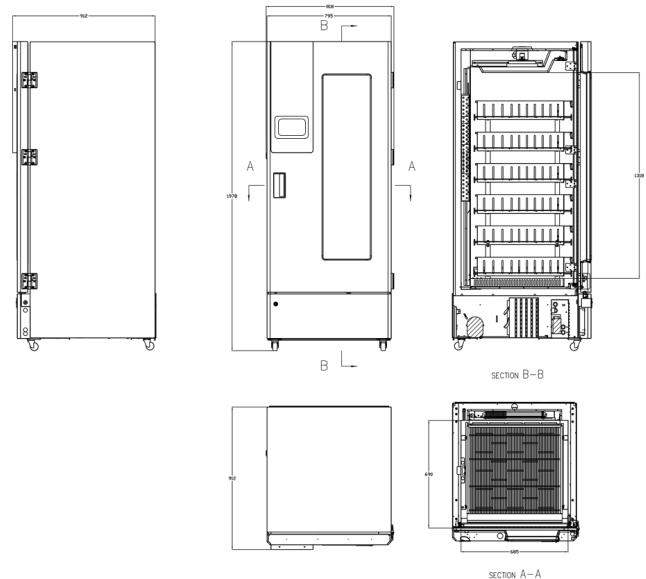
## ✓ Scope of Application

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



## 📏 External Dimensions



## Specification Chart

4°C Blood Bank Refrigerator	
Model	XC-618L
Cabinet Type	Upright
Capacity(L)	618
Internal Size(W*D*H)mm	685*690*1373
External Size(W*D*H)mm	812*912*1978
Package Size(W*D*H)mm	1020*920*2140
NW/GW(Kgs)	204/257
Performance	
Temperature Range	2~6°C
Ambient Temperature	16-32°C
Cooling Performance	4°C
Climate Class	N
Controller	Microprocessor
Display	HD intelligent touch screen
Refrigeration	
Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness(mm)	55
Construction	
External Material	PCM
Inner Material	Stainless steel ( optional Aluminum plate with spraying )
Drawers	6(Stainless steel drawer)
Door Lock with key	Yes
Access Port	1pc. Ø 25 mm
Casters	4 (2 casters with brake)
Data Logging/Interval/Recording Time	USB/Record every 5 minutes / 10 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure , Low battery
System	Sensor error, Door ajar, Condenser overheating, Built-in USB datalogger failure
Electrical	
Power Supply(V/HZ)	220/50
Rated Power(W)	450
Input Power(W)	472
Power Consumption(KWh/24h)	5.01
Rated Current(A)	3.26
Accessories	
Standard	RS485, Remote alarm contact

\*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.