

4±1°C Blood Bank Refrigerator

Super High Quality

Precise Temperature Control

Safeguarding Security of Blood



XC - 268L



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 fault, door opening, 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





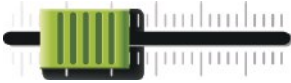
Precise Temperature Control

1-inch high-brightness digital temperature display, allowing to set the temperature precision of $\pm 1^{\circ}\text{C}$ 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.



DC/DC Power Management

- Equipped with DC/DC 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 $\pm 1^{\circ}\text{C}$ 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.



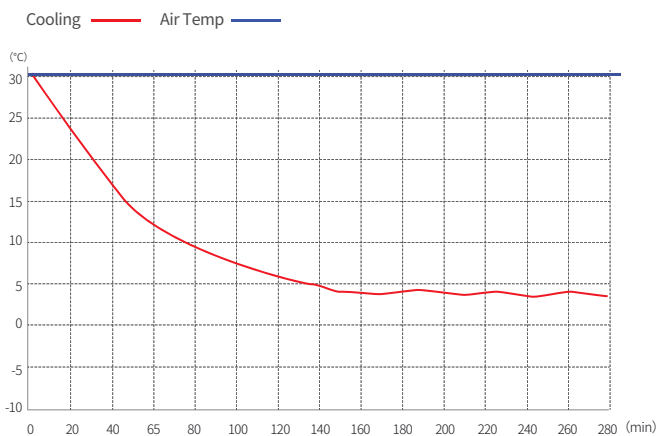
Human-oriented

- Equipped with 5 dip-coating shelves with label strips
- 15 dip-coating blood bag frames (optional stainless steel frame), can hold 135 blood bags in 450ml for each.

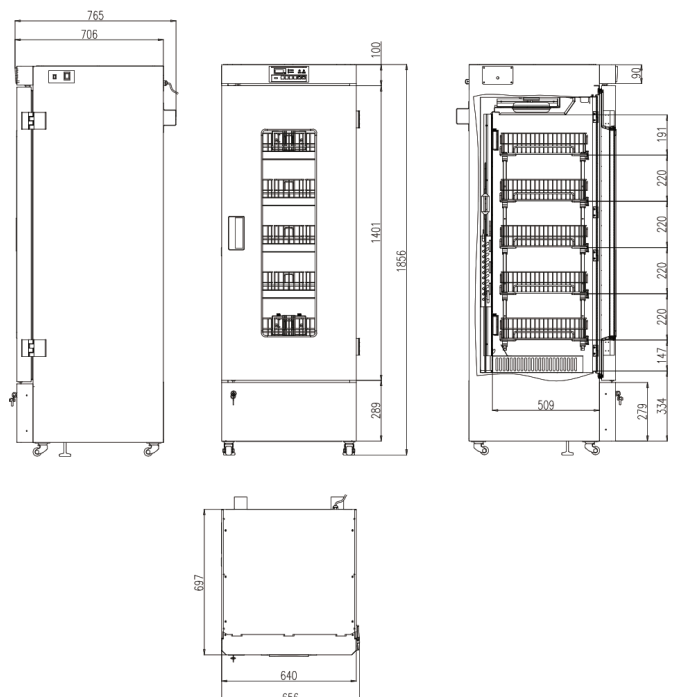
Scope of Application

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±1°C Blood Bank Refrigerator	
Model	XC-268L
Cabinet Type	Upright
Capacity(L)	268
Internal Size(W*D*H)mm	530*490*1310
External Size(W*D*H)mm	660*760*1856
Package Size(W*D*H)mm	740*880*2037
NW/GW(Kgs)	153/187
Performance	
Temperature Range	4±1°C
Ambient Temperature	16-32°C
Cooling Performance	4°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R134a
Insulation Thickness(mm)	55
Construction	
External Material	Spray cold rolled steel plate
Inner Material	Stainless steel
Shelves	5(coated steel wired shelf)
Door Lock with key	Yes
Blood Basket	15
Access Port	1pc. Ø 25 mm
Casters	4 (2 caster with brake) + (2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years
Backup Battery	Yes
Standard	Printer,RS485
Alarm	
Temperature	High/Low temperature,
Electrical	Power failure , Low battery
System	Sensor error,Door ajar,Condenser cooling failure,Built-in datalogger USB failure
Electrical	
Power Supply(V/HZ)	230±10%/50
Rated Power(W)	300
Input Power(W)	500
Power Consumption(KWh/24h)	3.3
Rated Current(A)	2.5
Options Accessory	
System	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.