

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



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, 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.



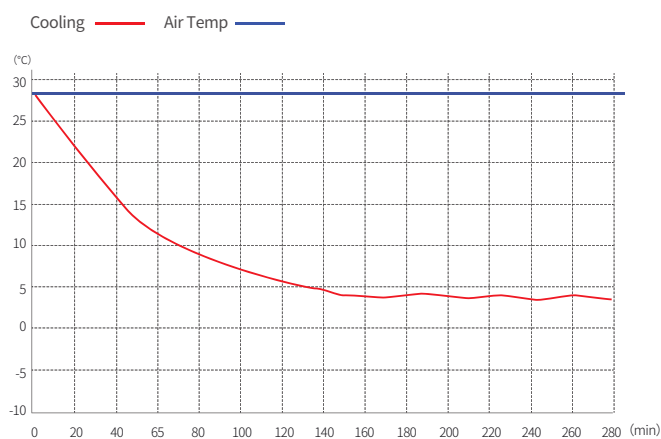
Human-oriented

- 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.

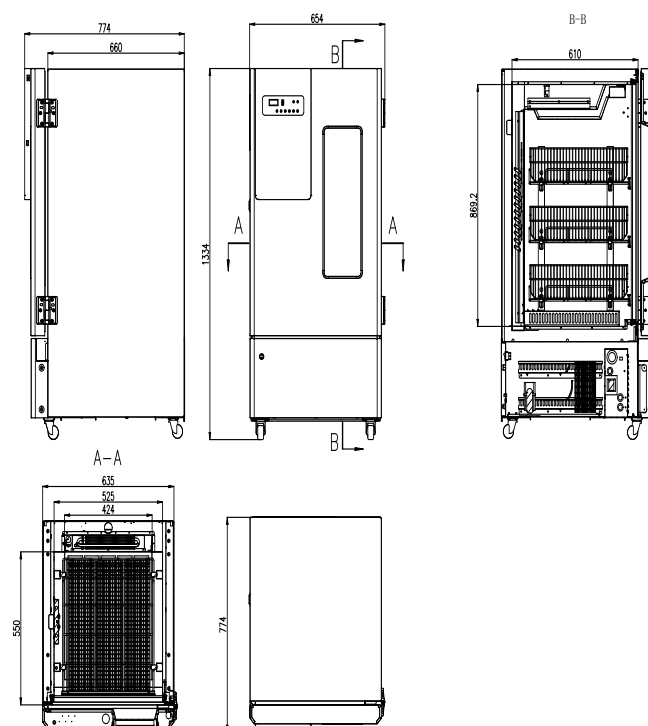
Intended use

Blood bank refrigerator is intended for storing blood product, which is for transfusion use; it is applicable to blood stations, hospitals, epidemic prevention stations, research institutes etc.

Performance Data / Cooling Curve



External Dimensions



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)	220-240V~/50~60
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.