

4°C Blood Bank Refrigerator

*Super High Quality
Precise Temperature Control
Safeguarding Security of Blood*



BL-368L



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



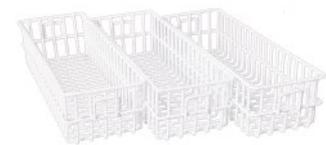
Automatic Defrost

- 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.



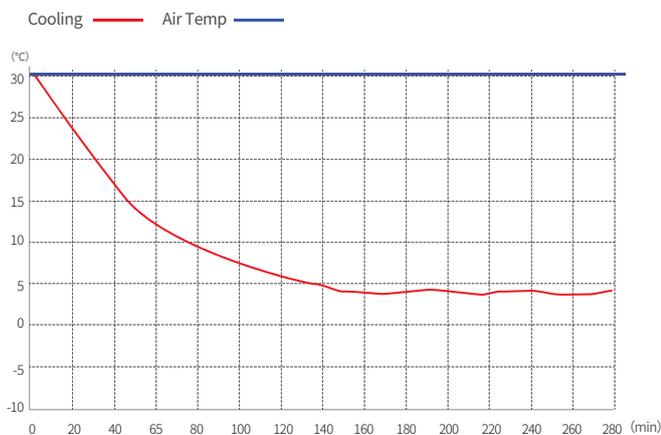
Human-oriented

- 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.

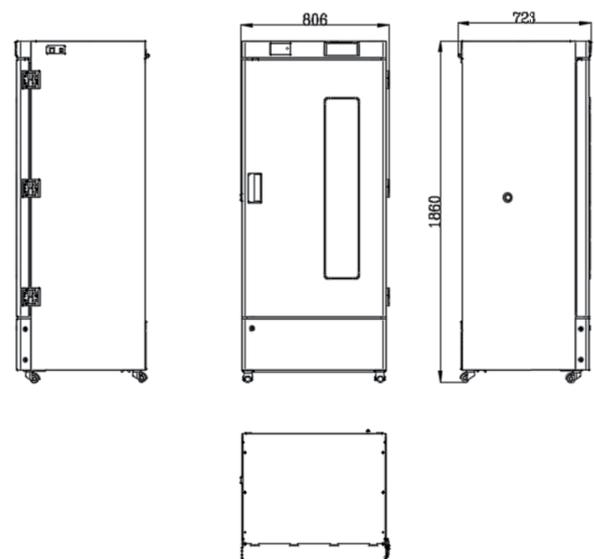
✓ Scope of Application

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°C Blood Bank Refrigerator | |
|--------------------------------------|--|
| Model | BL-368L |
| Cabinet Type | Upright |
| Capacity(L) | 368 |
| Internal Size(W*D*H)mm | 677*493*1145 |
| External Size(W*D*H)mm | 806*723*1870 |
| Package Size(W*D*H)mm | 910*810*2046 |
| NW/GW(Kgs) | 163/200 |
| 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 | R134a |
| Insulation Thickness(mm) | 54 |
| 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 | 20 |
| 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 + Printer output data |
| Backup Battery | Yes |
| Standard | Printer,RS485 |
| Alarm | |
| Temperature | High/Low temperature, |
| Electrical | Power failure , Low battery |
| System | Sennor error,Door ajar,Condenser cooling failure,Built-in datalogger USB failure |
| Electrical | |
| Power Supply(V/HZ) | 230±10%/50 |
| Rated Power(W) | 350 |
| Input Power(W) | 528 |
| Power Consumption(KWh/24h) | 3.56 |
| Rated Current(A) | 2.4 |
| Options Accessory | |
| System | Remote alarm contact |