

4°C Blood Bank Refrigerator

Super High Quality
Precise Temperature Control
Safeguarding Security of Blood



iM-1630-BBG



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



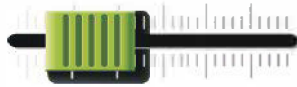
Precise Temperature Control

1-inch high-brightness digital temperature display, allowing to set the temperature precision 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 computerized 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 PVC transparent inner door.



Alarm System

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



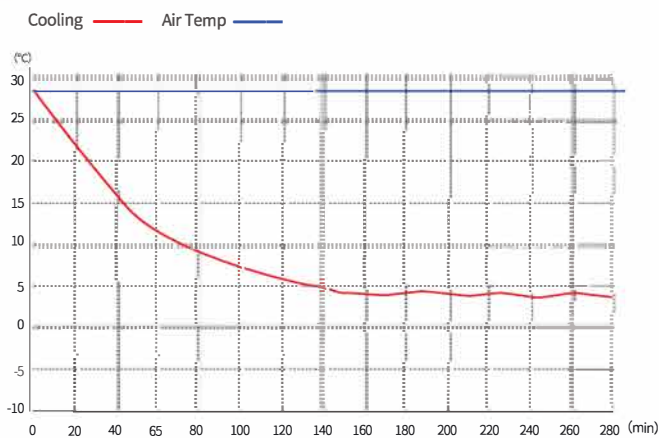
Human-oriented

- Equipped with 6 dip-coating shelves with label strips (Stainless steel pull-out racks are optional)
- 24 dip-coating blood bag frames, can hold 360 blood bags in 400ml for each.

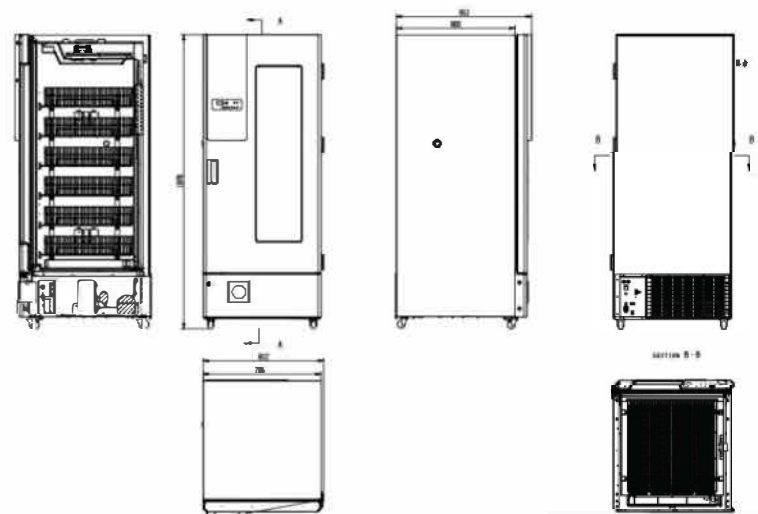
✓ Scope of Application

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	iM-1630-BBG
Cabinet Type	Upright
Capacity(L)	630
Internal Size(W*D*H)mm	685*690*1373
External Size(W*D*H)mm	818*912*1978
Package Size(W*D*H)mm	852*962*2131
NW(Kgs)	185
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/U:55,B:50,D:55
Construction	
External Material	PCM
Inner Material	Stainless steel
Shelves	6(coated steel wired shelf)
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 10 minutes / 2 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)	220-240~/50~60
Rated Power(W)	470
Rated Current(A)	3
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 pro