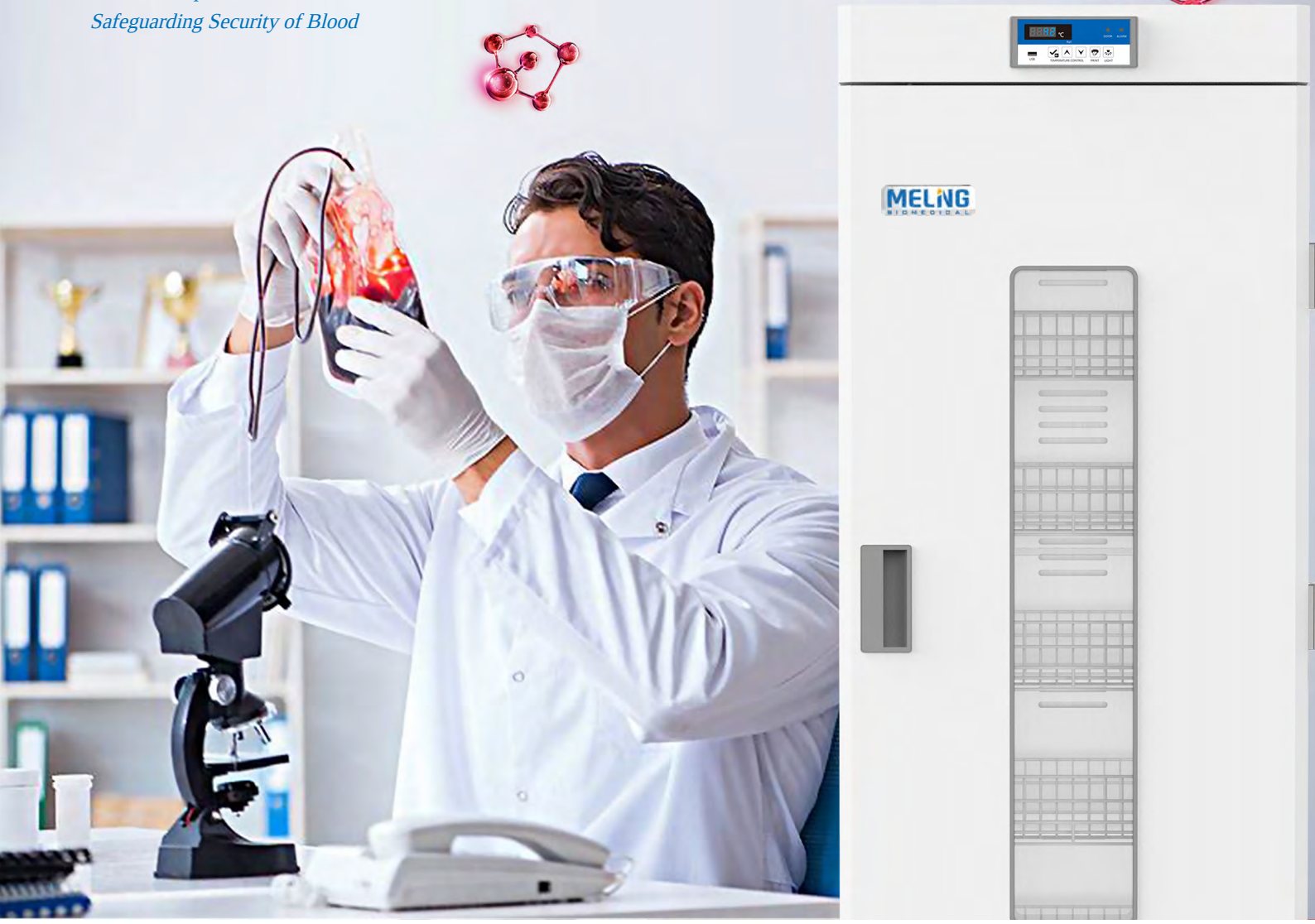
4°C Blood Bank Refrigerator

Super High Quality
Precise Temperature Control
Safeguarding Security of Blood



XC - 380L

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

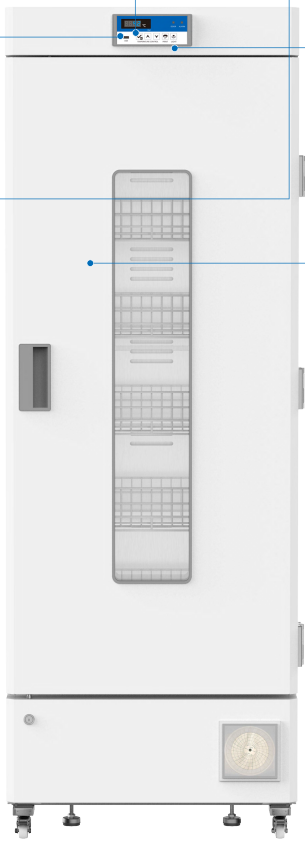
1-inch high-brightness digital temperature display, allowing to set the temperature precision within 2~6°C inside the cabinet, and the precision of temperature display accuracy at 0.1°C

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.

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 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.

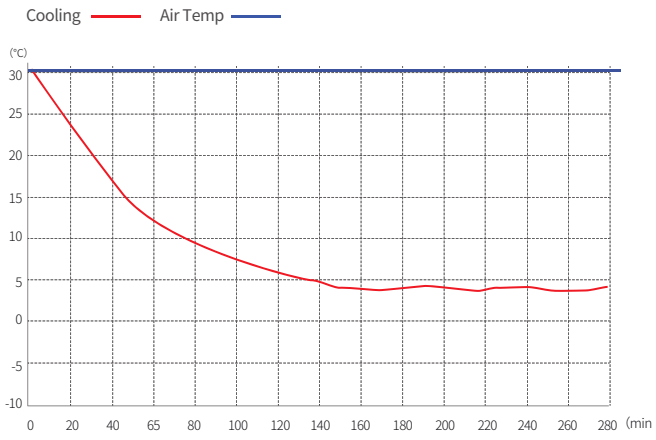
Human-oriented

- Equipped with 5 pulling dip-coating drawers(baskets) ;
- 5 dip-coating blood bag drawers(baskets), can hold 200 blood bags in 450ml.

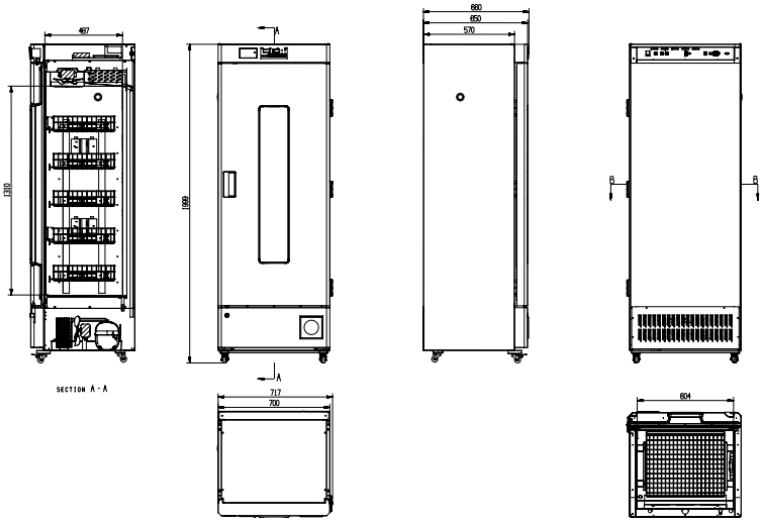
Scope of Application

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-380L**
Cabinet Type	Upright
Capacity(L)	380
Internal Size(W*D*H)mm	604*494*1310
External Size(W*D*H)mm	721*660*1999
NW/GW(Kgs)	134/154
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
Construction	
External Material	PCM
Inner Material	Stainless steel/Aluminum plate with spraying
Drawers	5(coated steel wired drawers)
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 cooling failure, USB built-in datalogger failure
Electrical	
Power Supply(V/HZ)	220-240V～/50~60
Input Power(W)	375
Rated Current(A)	2.2
Accessory	
System	RS485, Remote alarm contact
Optional	Chart recorder

*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.

MELING BIOMEDICAL
Zhongke Meiling Cryogenics Co.,Ltd
www.melingbiomedical.com
zkmeiling@zkmeiling.com
No. 1862 Zishi Road, Hefei, Anhui, 230601, China