4°C Blood Bank Refrigerator

Super High Quality
Precise Temperature Control
Safeguarding Security of Blood

MELiNG
BIOMEDICAL

XC - 618L

Intelligent control of constant temperature

· Vortex return air duct design, b uilt-in upper and lower temperature sensors, ensuring a temperature control accuracy at 0.1 °C inside the cabinet;
· Intelligent Android touch screen, intelligent sampling data statistics, real-time time sampling information.

Real Safety

· 6 temperature probes can ensure high precision of temperature control with nearly no fluctuation and thus can improve safety.

High-efficiency Refrigeration

· Advanced air cooling design, precision temperature control, safeguarding security of blood;
· Stainless steel inner container, copper tube evaporator, powerful refrigeration.

Intelligent Temperature Control

7-inch HD intelligent display touch screen, user-friendly interface and more accurate temperature control, with Bluetooth, Wi-Fi and other functions, more convenient operation and more comprehensive functions.

Multiple security protection

Open the refrigerator securely with fingerprint, swipe card and electronic password to prevent malicious entry, input data intelligently, and quickly check the status of samples.

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.

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.

Alam System

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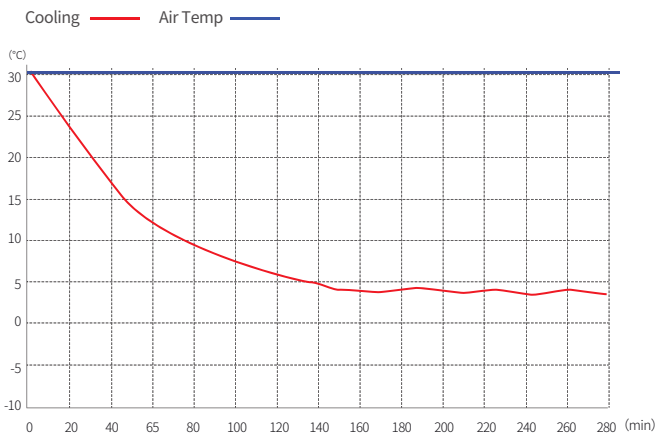
Human-oriented

· Equipped with 6 stainless steel drawers;
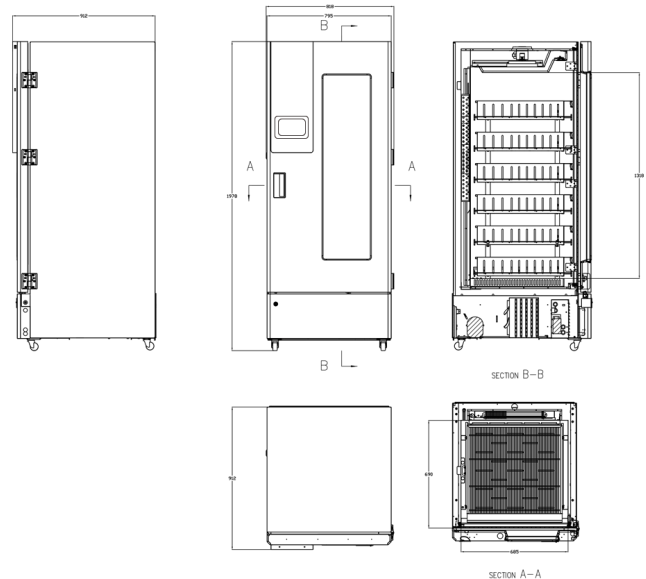· Can hold 336 blood bags in 450ml for each.

✓ 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

Cooling —— Air Temp ——

External Dimensions

SECTION B-B

SECTION A-A

Specification Chart

4℃ Blood Bank Refrigerator

Model	XC-618L
Cabinet Type	Upright
Capacity(L)	618
Internal Size(W*D*H)mm	685*690*1373
External Size(W*D*H)mm	812*912*1978
Package Size(W*D*H)mm	1020*920*2140
NW/GW(Kgs)	204/257

Performance

Temperature Range	2~6℃
Ambient Temperature	16-32℃
Cooling Performance	4℃
Climate Class	N
Controller	Microprocessor
Display	HD intelligent touch screen

Refrigeration

Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Insulation Thickness(mm)	55

Construction

External Material	PCM
Inner Material	Stainless steel (optional Aluminum plate with spraying)
Shelves	6(Stainless steel drawer)
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 5 minutes / 10 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)	220/60

Accessories

Standard Accessory	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 product.