

# 4°C Blood Bank Refrigerator

*Super High Quality*

*Precise Temperature Control*

*Safeguarding Security of Blood*



## XC - 630L



### 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



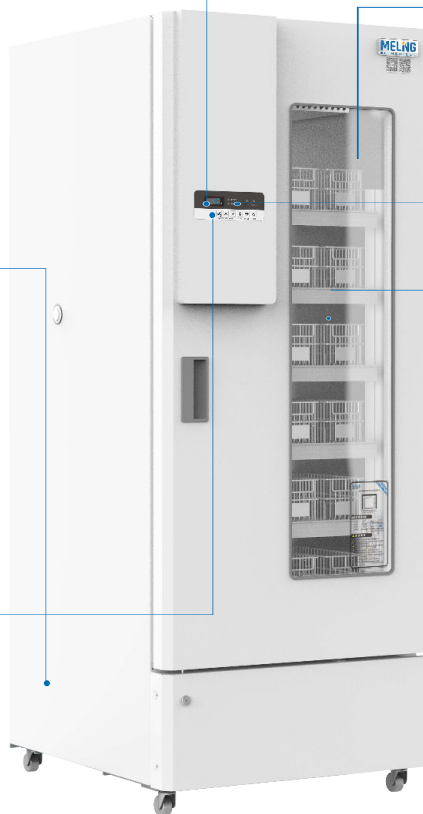
### Refrigeration System

- Equipped with brand high-efficient compressor, the fan motor speed is 1300 RPM, 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



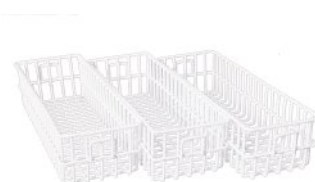
### Automatic Defrost

- 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.



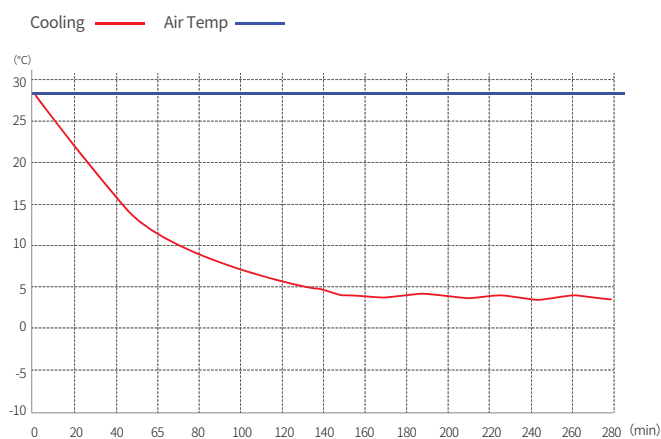
### Human-oriented

- Equipped with 6 dip-coating shelves with label strips (Stainless steel pull-out racks are optional)
- 24 dip-coating blood bag frames, can hold 408 blood bags in 400ml for each.

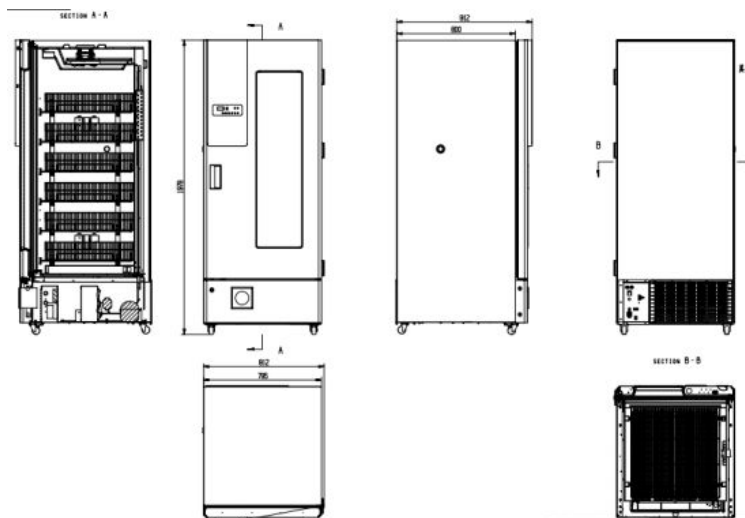
## ✓ Scope of Application

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



| 4°C Blood Bank Refrigerator           |  |
|---------------------------------------|--|
| Model                                 | XC-630L  |
| Cabinet type                          | Upright  |
| Capacity (L)                          | 630  |
| Internal size (W*D*H) mm              | 685*690*1373   |
| External size(W*D*H) mm               | 812*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  |
| Insulation thickness (mm)             | L/R: 55, B:50  |
| Construction                          |  |
| External Material                     | PCM  |
| Inner Material                        | Stainless steel  |
| Shelves                               | 6 (coated steel wired shelf)   |
| Door lock with key                    | Yes  |
| Blood basket                          | 24   |
| Access port                           | 1pc. Ø 25 mm   |
| Casters                               | 4 (2 casters with brakes)  |
| Data logging/Interval/Memory capacity | USB/Record every 10 minutes/100,000 data   |
| Backup battery                        | Yes  |
| Alarm                                 |  |
| Temperature                           | High/Low temperature, High ambient temperature   |
| Electrical                            | Power failure, Low battery   |
| System                                | Sensor error, Mainboard communication error, Door ajar, Condenser overheating, Built-in USB datalogger failure |
| Electrical                            |  |
| Power supply (V/Hz)                   | 220-240V/50~60Hz   |
| Power (W)                             | 470  |
| Power consumption (KWh/24h)           | 4.85   |
| Rated Current (A)                     | 3  |
| 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.