



Real Air Cooling

The multi-duct vortex refrigeration system and finned evaporator can prevent frosting completely and improve temperature uniformity to a large extent.

Real Energy Saving

The refrigerator is equipped with “M + Energy Core” power management system and complete air cooling design, improving energy saving efficiency by more than 40%.

Real Visibility

The electrical heating + LOW-E design with double considerations can achieve a better anti-condensation effect for the glass door.

Real Safety

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



Intelligent Temperature Control

- Equipped with high-precision microcomputer temperature control system and 1 high-brightness digital temperature display with a display precision of 0.1°C;
- Equipped with a remote alarm access port and 232/485 data access port.



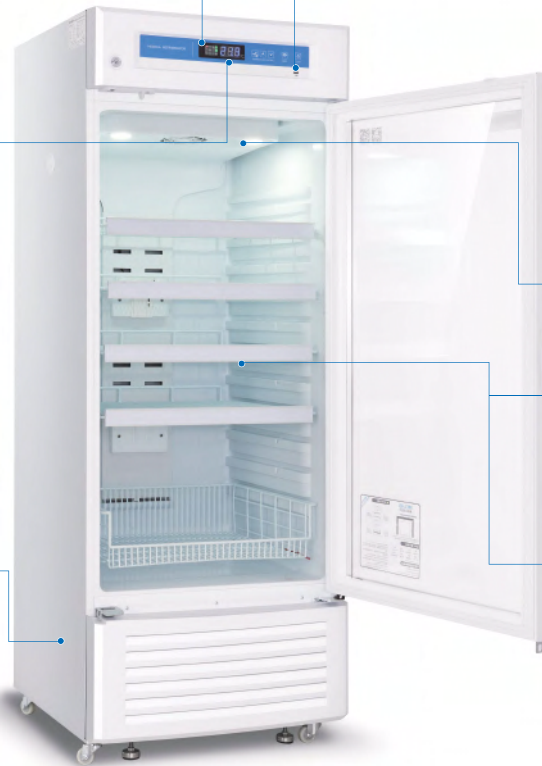
Security System

- The well-developed audible & visual alarm system with multiple audible & visual alarm functions: high temperature alarm, low temperature alarm, sensor failure alarm, door opening alarm, power outage alarm;
- The turn-on delay and stopping interval protection function can ensure reliability in running;
- The door is equipped with a lock, preventing it from opening accidentally.



Refrigeration System

Equipped with a compressor supplied by an international famous brand, high-efficiency air-cooled condenser and finned evaporator, ensuring fast refrigeration.



Data Storage

- Equipped with a USB export interface, which can be used for storing data from the last month and the current month automatically in PDF format.
- When a U-disk is connected, temperature data can be stored continuously and automatically (data can be stored for more than 10 years);
- The printer is optional.



Lighting System

Equipped with lighting system with LED lights, ensuring high visibility inside the cabinet.



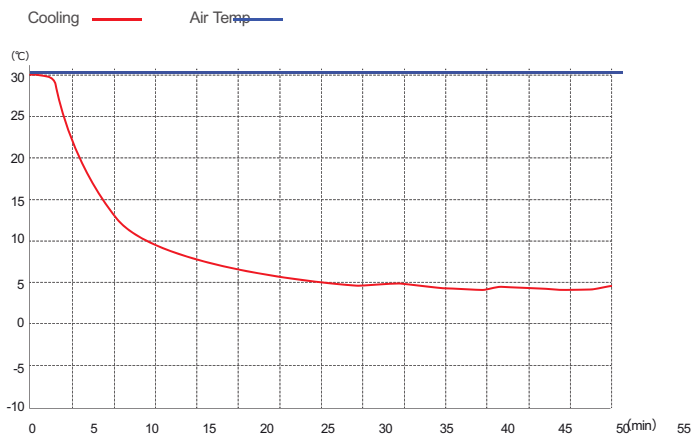
Human-oriented

- Equipped with high-quality shelves made from PVC-coated steel wire with tag cards and classification marks, which are easy to clean;
- Equipped with invisible door handle, ensuring elegance of appearance;
- Equipped with testing port, bringing convenience to users in testing temperature inside the cabinet.

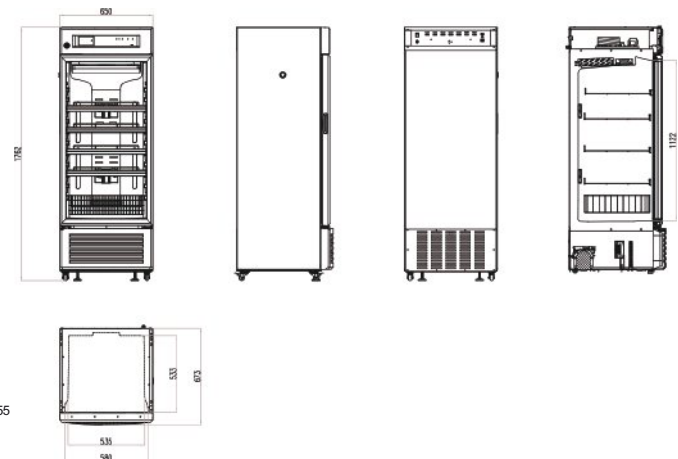
✓ Scope of Application

Suitable for storage of biological products, vaccines, drugs, reagents, etc. Suitable for use in pharmacies, pharmaceutical factories, hospitals, centers for disease prevention & control, clinics, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimensions



Specification Chart

| 2~8°C Medical Refrigerator | |
|------------------------------|--|
| Model | YC-315L |
| Cabinet Type | Upright |
| Capacity(L) | 315 |
| Internal Size(W*D*H)mm | 580*533*1122 |
| External Size(W*D*H)mm | 650*673*1762 |
| Package Size(W*D*H)mm | 734*749*1800 |
| NW/GW(Kgs) | 87/99 |
| Performance | |
| Temperature Range | 2~8°C |
| Ambient Temperature | 16-32°C |
| Cooling Performance | 2°C |
| Climate class | N |
| Controller | Microprocessor |
| Display | Digital display |
| Refrigeration | |
| Compressor | 1pc |
| Cooling method | Air cooling |
| Defrost Mode | Automatic |
| Refrigerant | R600a |
| Insulation Thickness(mm)mm | R/L:40,U/D:70,B:50 |
| Construction | |
| External Material | Powder coated material |
| Inner Material | HIPS |
| Shelves | 5(coated steel wired shelf) |
| Door Lock with key | Yes |
| External Lock | Yes |
| Lighting | LED |
| Access test port | 1pc. Ø 24.5 mm |
| Casters | 4+ (2 levelers feet) |
| Data Logging/Time/Quantity | USB/Record every 1 minute / 365 days |
| Door with heater | Yes |
| Alarm | |
| Temperature | High/Low temperature,High ambient temperature,Condenser high temperature |
| Electrical | Power failure , Low battery, Relay |
| System | Sensor error, Door ajar, Built-in datalogger USB Failure, |
| Electrical | |
| Power Supply(V/Hz) | 220/50, 220/60, 110/60 |
| Rated Power(W) | 220 |
| Input Power(W) | 235 |
| Current Consumption(KWh/24h) | 2.05 |
| Rated Current(A) | 1.35 |
| Optional | |
| System | Printer |