

MEDI GUARD

—sense High-quality Product



MG315

Real Air Cooling

The multi-duct vortex refrigeration system and finned evaporator improves temperature uniformity.

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 achieves a better anti-condensation effect for the glass door.

Real Safety

Seven temperature probes ensure high precision temperature control.

QCPP Approved





Intelligent Temperature Control

- Equipped with high-precision microcomputer temperature control system and 1 high-brightness digital temperature display with a display accuracy at 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 ajar alarm, power failure alarm.

- The door is equipped with a lock, preventing it from opening accidentally.



Data Storage

- Equipped with a USB export interface, which can be used for exporting data in PDF, The default time range for exporting is from the previous month to the current month;
- When a U-disk is connected, temperature data can be stored continuously and automatically (data can be stored for more than 2 years);



Lighting System

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

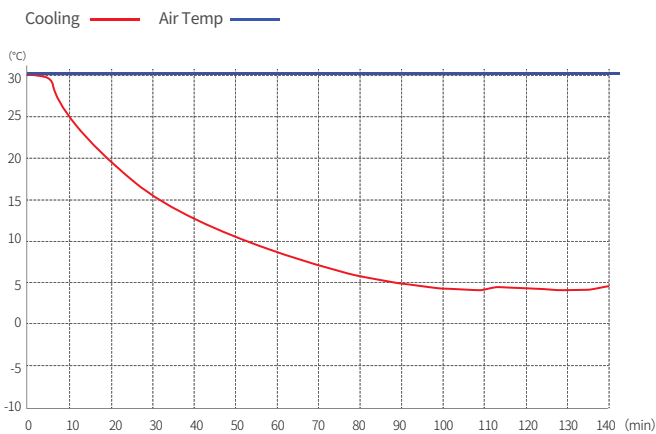


- Equipped with high-quality shelves made from PVC-coated steel wire with tag cards and classification marks, which are easy to clean;
- Equipped with invisible door handle, ensuring elegance of appearance;
- Equipped with testing port, bringing convenience to users in testing temperature inside the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

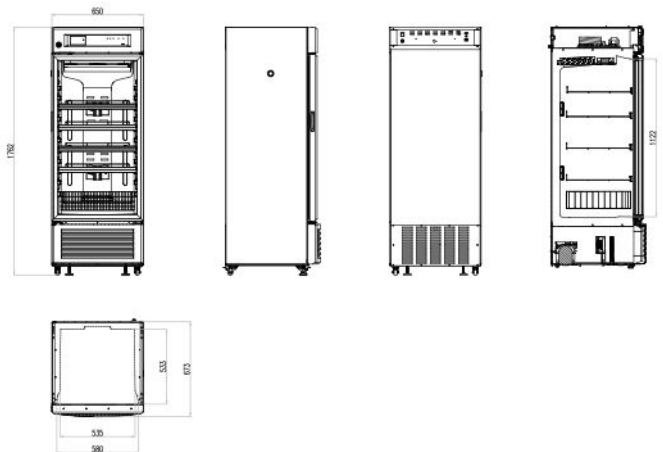
✓ Scope of Application

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 | MG315 |
| 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 | 717*732*1805 |
| NW/GW(Kgs) | 87/99 |
| Performance | |
| Temperature Range | 2~8°C |
| Ambient Temperature | 16-32°C |
| Cooling Performance | 5°C |
| Climate Class | N |
| Controller | Microprocessor |
| Display | Digital display |
| Refrigeration | |
| Compressor | 1pc |
| Cooling Method | Air cooling |
| Defrost Mode | Automatic |
| Refrigerant | R600a |
| Insulation Thickness(mm) | L/R:35,B:52 |
| Construction | |
| External Material | Powder coated material |
| Inner Material | High Impact Polystyrene(HIPS) |
| Shelves | 4+1(coated steel wired shelf) |
| Door Lock with Key | Yes |
| External Lock | Yes |
| Lighting | LED |
| Access Port | 1pc. Ø 25 mm |
| Casters | 4+ (2 leveling feet) |
| Data Logging/Interval/Recording Time | 5 Minutes |
| Door with heater | Yes |
| Alarm | |
| Temperature | High/Low temperature,High ambient temperature,Condenser overheating |
| Electrical | Power failure , Low battery |
| System | Sensor error,Door ajar , Built-in datalogger USB Failure, Communication failure |
| Electrical | |
| Power Supply(V/HZ) | 220-240~/50 |
| Rated Power(W) | 220 |
| Power Consumption(KWh/24h) | 2.05 |
| Rated Current(A) | 1.35 |
| Accessories | |
| Standard | RS485, Remote alarm contact , Backup battery |

