

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.

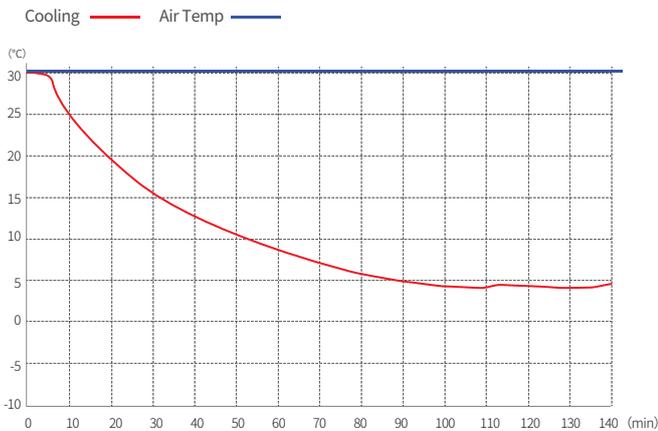


- Equipped with high-quality shelves made from PVC-coated steel wire with tag cards and classification marks, which are easy to clean;
- Equipped with invisible door handle, ensuring elegance of appearance;
- Equipped with testing port, bringing convenience to users in testing temperature inside the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

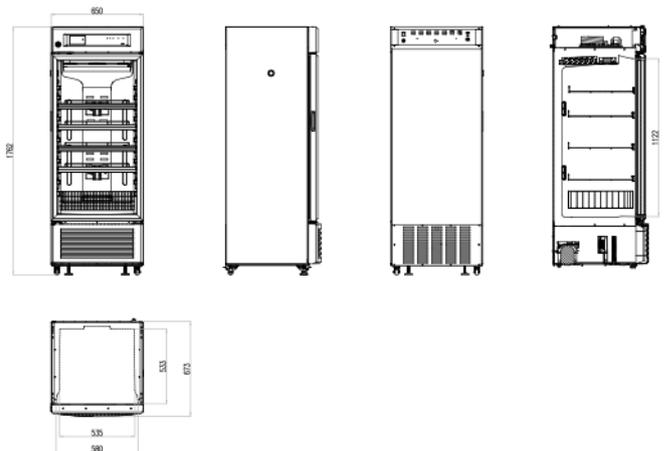
✓ Scope of Application

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

