2～8°C /-10～-26°C Combined Refrigerator and Freezer

MEDIGUARD

MGC289

CE

Environmentally Friendly & High-efficiency
Environmentally-friendly Freon-free refrigerant and high-efficiency compressor

Refrigeration System
Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.

High-precision Computerized Temperature Control
The digital temperature display indicates operating status and users may set the high temperature / low temperature alarm points.

Thermal Insulation System
The CFC-free polyurethane foam technology and the thicker insulating layer improves the effect of thermal insulation.

Temperature Control System

· High-precision microcomputer temperature control system with build-in control/alarm sensors for high/low temperature, ambient temperature and evaporator temperature etc. ensuring the safe and stable running;

· 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be set freely.

Refrigeration System

· Equipped with high-efficiency compressor ensuring energy saving and silent running;

· Two compressors and separate control of the upper refrigeration chamber and the lower freezing chamber.

Security System

· Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient temperature alarm, sensor failure alarm, door ajar alarm, power failure alarm etc;

· Buzzer alarm for the door opening more than 1 minute, alarm automatically muted when the door is closed.
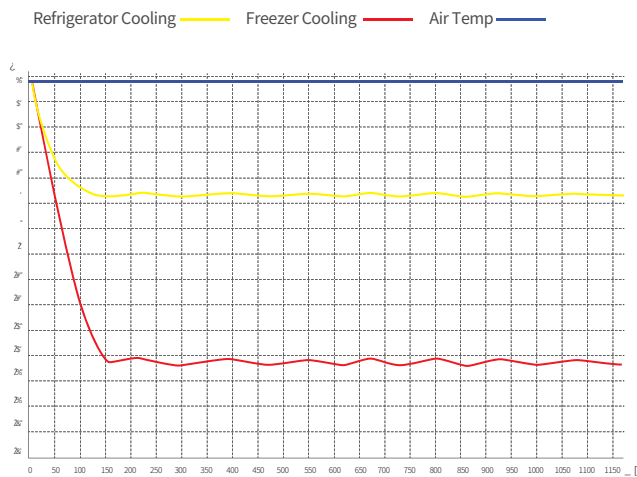
· The interior is equipped with 3 drawers + 4 shelves for object storage;

· Casters at the bottom with locking device
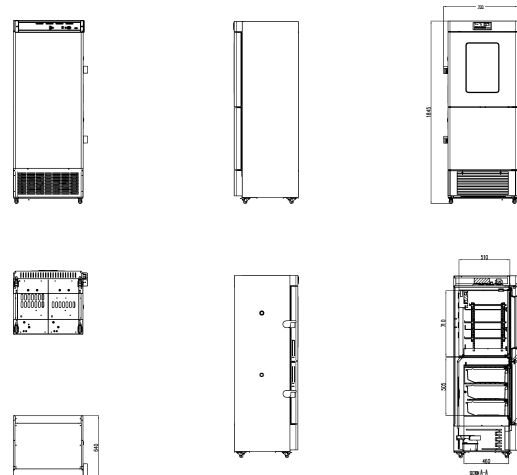· for easy movement.

✓ Scope of Application

Suitable for use in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health,& disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Performance Data / Cooling Curve

Refrigerator Cooling —— Freezer Cooling —— Air Temp ——

External Dimensions

SPECIFICATIONS

2～8°C /-10～-26°C Combined Refrigerator and Freezer

Model	MGC289
Cabinet Type	Upright
Capacity(L)	289,R:189,F:100
Internal Size(W*D*H)mm	R:600*510*710，F:500*460*505
External Size(W*D*H)mm	700*640*1845
Package Size(W*D*H)mm	830*756*2004
NW/GW(Kgs)	140/162

Performance	
Temperature Range	R:2～8, F:-10～-26
Ambient Temperature	16-32
Cooling Performance	R:5, F:-26
Climate Class	N
Controller	Microprocessor
Display	Digital display

Refrigeration	
Compressor	2pcs
Cooling Method	R: Forced air cooling , F:Direct cooling
Defrost Mode	R:Automatic, F:Manual
Refrigerant	R600a
Insulation Thickness(mm)	R：50, F：100

Construction	
External Material	Spraying steel plate
Inner Material	Stainless steel
Shelves	R:3+1(Stainless steel),F:3(ABS)
Backup battery	Yes
Padlock	Yes
Access Port	2pcs. Ø 25 mm
Casters	4 (2 casters with brake)
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 2 years
Door with Heater	Yes

Alarm	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure,Low battery
System	Sensor failure,Door ajar,Built-in USB datalogger failure, Communication failure

Electrical	
Power Supply(V/HZ)	220-240~/50
Power(W)	240
Power Consumption(KWh/24h)	3.55
Rated Current(A)	1.85

Accessories	
Standard	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.