MP-19RG-HC Pharmacy/Lab Refrigerator

Forced Air Cooling
Forced air refrigeration system equipped with an air plenum to evenly distribute air across all of the chamber's shelves.

Energy Saving
This refrigerator is equipped with an intelligent microprocessor and incorporates high efficiency, all natural R290 refrigerant, which improves energy savings by more than 40%.
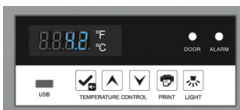
Anti-Fog Glass Door
Electrical heater around the door frame and a LOW-E, double paned door to prevent condensation and fogging.

High-precision Computerized Temperature Microprocessor
The digital temperature display indicates the operating status allowing users to set the high temperature/low temperature alarm points based on their needs.

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Intelligent Temperature Control

• High-precision microprocessor temperature controller with built-in sensors for high/low temperature alarms for chamber, ambient and evaporator temperatures
• 1 inch digital temperature display
• Temperature set point easily set

Security System

• Audible and visual alarms that will alert users in the rare event of a temperature or system failure
• The alarm functions include a high/low temperature alarm, high ambient temperature alarm, sensor, probe failure alarm, door ajar alarm, and power failure alarm
• Audible door ajar alarm activates after 1 minute of opening and is automatically muted when the door is closed

Refrigeration System

• High-efficiency compressor, air-cooled condenser and finned evaporator for quick pull down, temperature recovery and stability

Data Storage

• Temperature data is accessed through the USB port. You many view the temperature chart and temperature data history on your computer
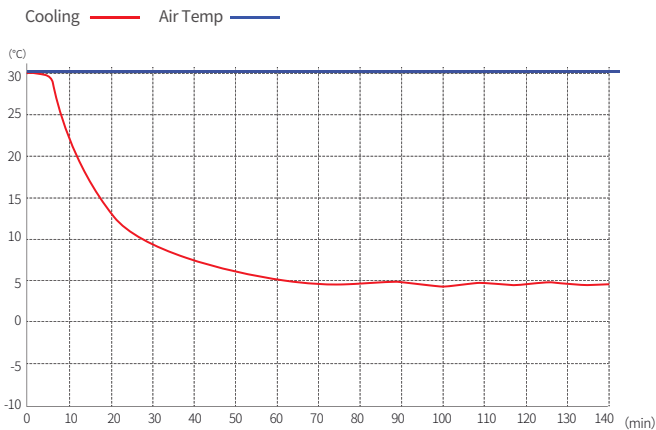
Ergonomic Design

• Equipped with high-quality shelves made from PVC-coated steel wire that is easy to clean
• Equipped with recessed door handle for easy opening and closing
• Equipped with a 1" access port for 3rd party probes and monitoring
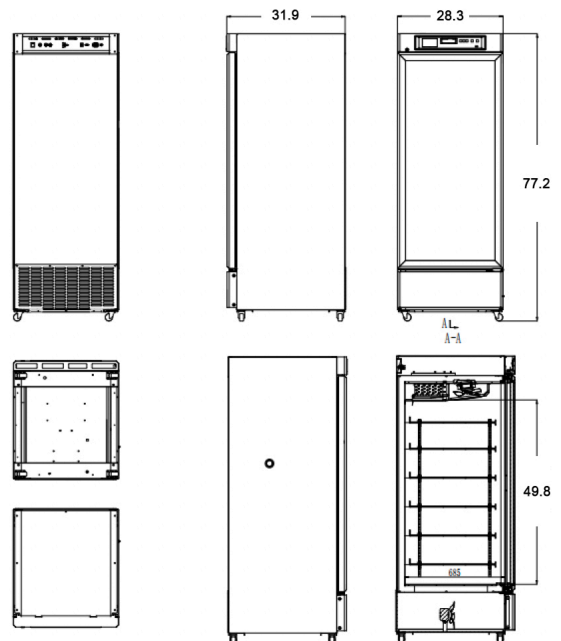• Whisper quiet operation for a stress free operational experience

☑ Scope of Application

Suitable for storage of biological products, vaccines, drugs, reagents, etc. Suitable for use in pharmacies, pharmaceutical distribution centers & manufacturing plants, hospitals, centers for disease prevention & control, research laboratories, clinics, etc.

Performance Data / Cooling Curve

Cooling —— Air Temp ——

External Dimensions

31.9

28.3

77.2

A-A

49.8

Specification Chart

2~8℃ Pharmacy Refrigerator

Model	MP-19RG-HC
Cabinet Type	Upright
Capacity(cu/ft)	19
Internal Size(W*D*H) inches	24*27*49.8
External Size(W*D*H) inches	28.3*31.9*77.2
Package Size(W*D*H) inches	30.5*34.2*84
NW/GW(lbs)	326/383
Performance	
Temperature Range	2~8℃
Temperature Accuracy	1+/- 1℃
Cooling Set Point	4℃
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness(inches)	2.2
Construction	
External Material	Powder coated steel
Inner Material	Powder coated aluminum
Shelves	6 (powder coated steel wired shelf)
Door Lock with Key	Yes
Lighting	LED
Access Port	1pc. Ø 1 inch
Casters	4（2 casters with brakes）
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 2 years
Door with heater	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature,Condenser overheating
Electrical	Power failure , Low battery
System	Sensor failure,Door ajar，Built-in USB datalogger failure，Communication failure
Electrical	
Power Supply(V/HZ)	110/60
Rated Power(W)	340
Power Consumption(KWh/24h)	3.66
Rated Current(A)	5.1
Accessories	
Standard	Remote alarm dry contacts，Backup battery, RS485

*Medical Pro reserves the right to change specifications without notice.