2~8°C /-10~-26°C Dual Temp Refrigerator & Freezer

- Independent Cooling and Freezers Systems
- Intelligent Microprocessor for Temperature Stability
- Multiple Alarms & USB Data Logger

Medical+Pro
Scientific Refrigerator

MP-RF18-HC

CE

Environmentally Friendly, High-Efficiency Cooling Systems
Environmentally-friendly, all natural hydrocarbon refrigerants. High-efficiency compressor to ensure quiet operation and low energy consumption.

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

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.

Thermal Insulation System
CFC-free polyurethane foam technology to improve the storage chambers thermal insulation.

Temperature Control System

· High-precision microprocesser temperature controller with built-in sensors for high/low temperature alarms for chamber, ambient and evaporator temperatures.
· 1 inch digital temperature display. Temperature can be easily set.
· Microprocessor independently controls the refrigerator and freezer chambers.

Refrigeration System

· High-efficiency compressors for quick pull down, temperature recovery and stability.
· Two independent compressors separately operating the upper refrigeration chamber and the lower freezing chamber.

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.
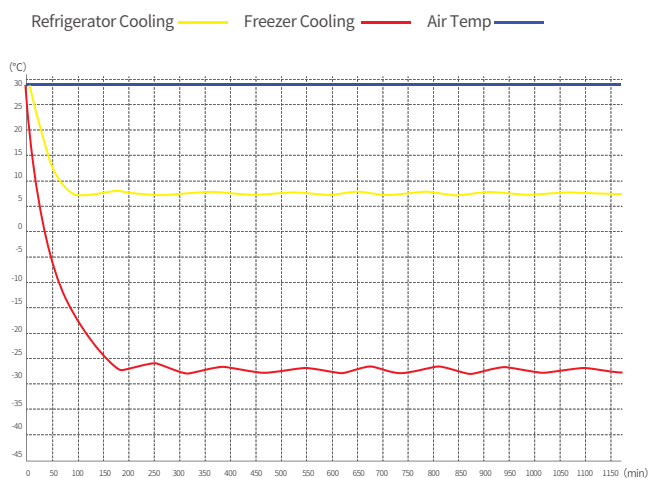
Ergonomic Design

· The freezer chamber is equipped with (6) drawers and the refrigerator chamber is equipped with (3) coated steel wired shelves
· (2) front locking casters. (2) rear non-lockingcasters
· Specially equipped external door handles and padlocks to prevent unauthorized door openings.
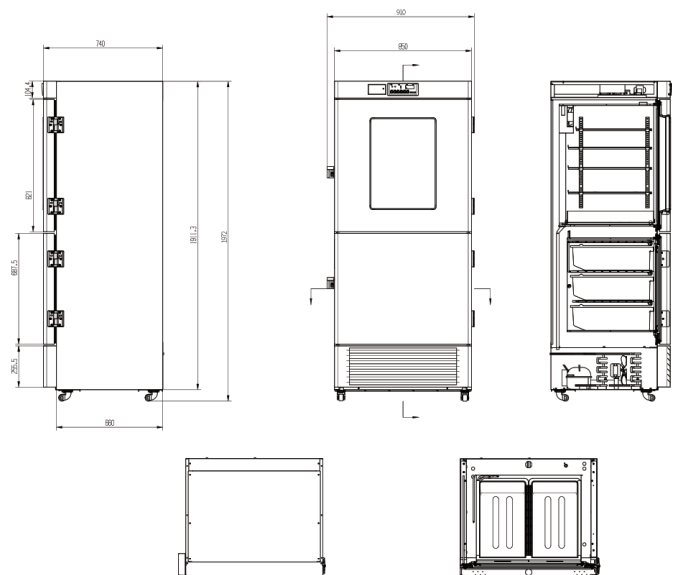
✓ Scope of Application

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

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

External Dimensions

⚕ Specification Chart

2∼8°C /-10∼-26°C Combined Refrigerator & Freezer

Model	MP-RF18-HC
Cabinet Type	Upright
Capacity(cu/ft)	18.33,R:11.41,F:6.92
Internal Size(W*D*H)inches	R:29.53*24*29.13，F:25.6*22*22.24
External Size(W*D*H)inches	35.8*29*77.64
Package Size(W*D*H)inches	38.9*33.67*84.25
NW/GW(lbs)	410/474
Performance	
Temperature Range	R:2∼8° C，F:-10∼-26° C
Ambient Temperature	61-90° F
Cooling Performance	R:5° C, F:-23° C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	2 independent compressors for refrigerator and freezer
Cooling Method	R: Forced air cooling , F:Direct cooling
Defrost Mode	R:Automatic, F:Manual
Refrigerant	R290
Insulation Thickness(inches)	R：1.97, F：3.94
Construction	
External Material	Powder Coated Steel
Inner Material	Stainless steel
Shelves	R:3+1(stainless steel),F:6(ABS plastic)
Door Lock with Key	Yes
Lighting	LED
Access Port	2pcs. Ø 1inch
Casters	4（2 casters with brakes）
Data Logging/Interval/Recording Time	USB/Record every 10 minutes with 2 years of data storage
Door Heaters	Yes
Backup battery	Yes
Alarm	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure,Low battery
System	Sensor probe failure,Door ajar,USB datalog failure，Communication failure
Electrical	
Power Supply(V/HZ)	110/60/1
Accessory	
Standard	RS485,Remote alarm contact
Options	RS232,Printer

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

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