

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



MP-RF18-HC



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 microprocessor 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.



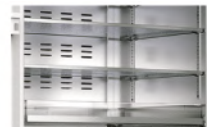
Refrigeration System

- 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.



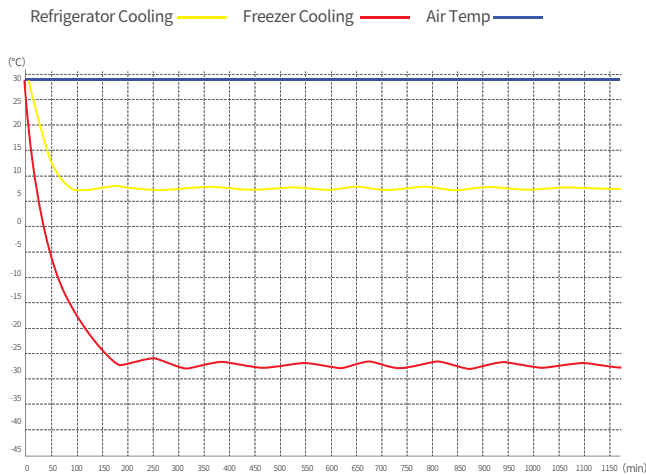
Ergonomic Design

- 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-locking casters
- Specially equipped external door handles and padlocks to prevent unauthorized door openings.

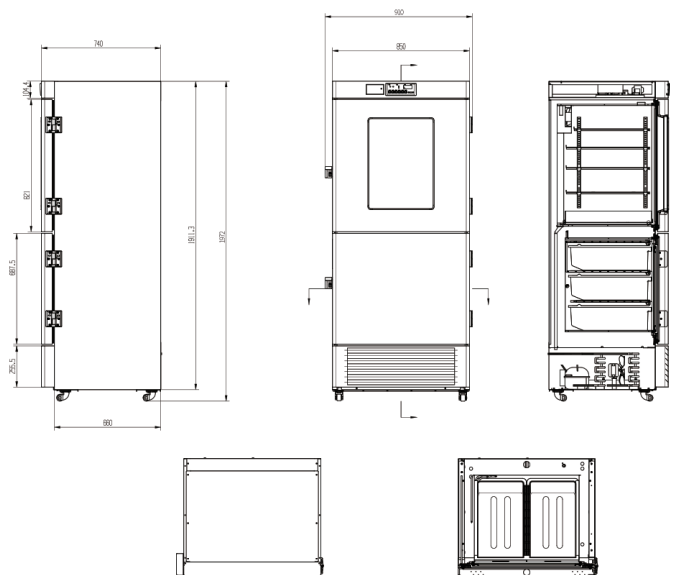
✓ Scope of Application

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



📐 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.