

# Medical+Pro

## -25°C Medical Freezer



MP-U2F-HC

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### High Accuracy Controller

High accuracy temperature controller with high accuracy probes, keeping the temperature within -25°C.



### Refrigeration System

High performance, medical grade freezing system. All natural, hydrocarbon refrigerant with nearly zero global warming potential. Temperature uniformity within +/- 2°C .



### Ergonomic Design

- Hinged door with safety grip, recessed handle with lock and key.
- Audible and visual alarms including: high and low temperature alarm, sensor failure alarm, power failure alarm and door ajar alarm.
- High quality powder coated steel & PCM exterior and powder coated aluminum interior
- (2) feet levelers
- Remote alarm dry contacts and access port in cabinet rear for 3rd party probes.

### Digital Microprocessor Controller

· High-precision microprocessor temperature controller with built-in sensors for high/low temperature alarm.

· 1 inch digital temperature display.  
Temperature can be easily set.



### Alarms & Security

· Audible & visual alarm system including a high and low temperature alarm, sensor failure alarm, power failure alarm and door ajar alarm.  
· The door is equipped with a lock, preventing unauthorised users.  
· Dry contacts for remote monitoring



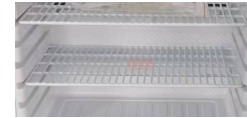
### Refrigeration System

High-efficiency compressor, static condenser and evaporator for temperature recovery and stability.



### Interior Lighting

· LED lights, ensuring high visibility inside the cabinet.



### Ergonomic Design

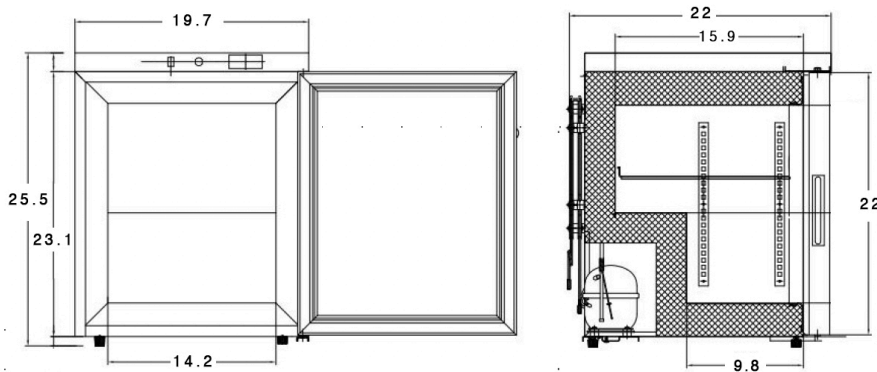
· High-quality shelves made from PVC-coated steel wire, which are easy to clean  
· Recessed door handle

## 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.



## External Dimensions



Please leave 4" of space on back and sides to properly disipate condenser heat

-25 °C Pharmacy Freezer	
Model	MP-U2F-HC
Cabinet Type	Counter-Top / Under-Counter
Capacity(cu/ft)	1.8
Internal Size(W*D*H)inches	A, 14.2*15.9*8;B, 14.2*9.8*7.6
External Size(W*D*H)inches	19.7*22*25.5
Package Size(W*D*H)inches	22.2*24.8*27.8
NW/GW(lbs)	71/80
Performance	
Temperature Range	-25°C
Ambient Temperature	61 to 90°F
Temperature Accuracy	+/- 2°C
Climate Class	Non-toxic, Hydrocarbon Refrigerant
Controller	Microprocessor Digital display
Refrigeration	
Compressor	High Efficiency
Cooling Method	Direct Cooling (external condenser condenser and built-in evaporator)
Defrost Mode	Manual Defrost
Refrigerant	R290
Construction	
Exterior Material	Powder Coated Steel and PCM
Interior Material	Powder Coated Aluminum
Shelves	1 (Powder Coated Steel Wire Shelf)
Door Lock with Key	Yes
Lighting	LED
Access Port	Ø 1 inch
Leveling Feet	2 levelers
Data Logging	No
Door with Heater	No
Backup battery Alarm	Optional
Alarms	
High/Low Temperature Alarm	Yes
Power Failure Alarm	Yes
Door Ajar Alarm	Yes
Electrical	
Power Supply(V/HZ)	110/60HZ or 220/50HZ

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