



## MP-U3F-HC



### Intelligent Microprocessor for Temperature Stability

High accuracy temperature controller with high accuracy temperature probes

### Refrigeration System

High-performance compressor & efficient condenser for superior freezing performance and temperature stability. HCFC-FREE, nontoxic, hydrocarbon refrigerant with nearly zero global warming potential. Direct air freezing & manual defrost ensuring temperature uniformity within  $-15^{\circ}\text{C}$  to  $-25^{\circ}\text{C}$ .

### Ergonomic, Intuitive Design

Lockable door with full length handle

Audible and visual alarms: high and low temperature alarm settings

Temperature failure alarm, power failure alarm & door ajar alarm.

Cabinet made of high quality, powder coated steel with powdered coated aluminum interior

Includes (4) baskets

Standard built-in USB data logger with remote alarm contacts



### Control Panel

High-precision microprocessor temperature controller with built-in sensors for high/low temperature alarms for chamber, ambient and evaporator temperatures.

### Safety Lock

Equipped with safety lock to prevent unauthorized openings.



### Refrigeration System

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



### Security System

High temperature/low temperature alarm, door ajar alarm and sensor failure alarms.



### Data Storage

Temperature data is accessed through the USB port. You may view the temperature chart and temperature data history on your computer.

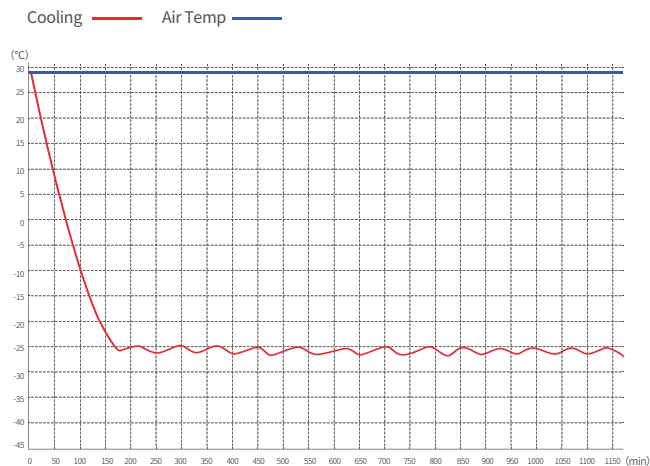
### Ergonomic Design

- Equipped with high-quality shelves made from PVC-coated steel wire that is easy to clean.
- Equipped with full-length 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.

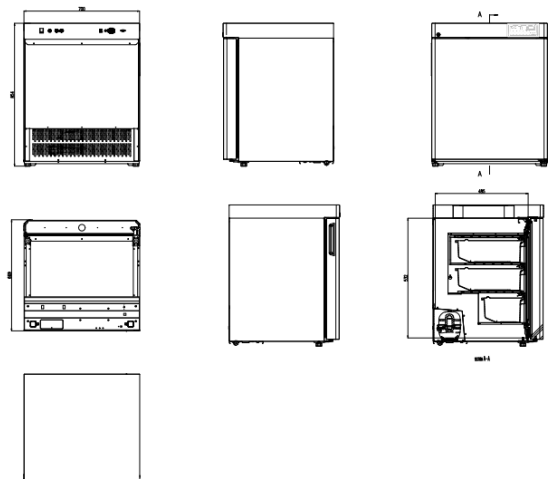
## ✓ Scope of Application

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



## 📏 External Dimensions



<b>-25°C Medical Freezer</b>	
Model	MP-U3F-HC
Cabinet Type	Under-Counter
Capacity(cu/ft)	3
Internal Size(W*D*H)inches	19.7*19*21
External Size(W*D*H)inches	27.6*26.3*33.6
Package Size(W*D*H)inches	30*29*36.8
NW/GW(lbs)	119/148
<b>Performance</b>	
Temperature Range	-10~ -25° C
Ambient Temperature	60 ~ 90° F
Cooling Performance	-25° C
Climate Rating	Non-toxic, hydrocarbon refrigerant
Controller	Microprocessor
Display	Digital display
<b>Refrigeration</b>	
Compressor	High Efficiency
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	R600a
Insulation Thickness(inches)	4
<b>Construction</b>	
External Material	PCM
Inner Material	Powder Coated Aluminum
Drawers	3 (ABS)
Door Lock with Key	Yes
Access Port	1pc. Ø 1 inch
Legs	4 levelling feet
Data Logging/Interval/Recording Time	USB/Recording every 10 minutes / 2 years
<b>Alarm</b>	
Temperature	High/Low temperature,High ambient temperature
System	Power failure
Construction	Probe failure, Door ajar, Built-in USB datalogger failure, Communication Failure
<b>Electrical</b>	
Power Supply(V/HZ)	110/60
Rated Current(A)	1.66
Power (W)	75

\*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.

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