Undercounter Pharmacy/Lab Refrigerator

- Temperature Range 2°C to 8°C
- Intelligent Microprocessor for Temperature Stability
- Multiple Alarms & USB Data Logger

MP-U5RG-HC

Intelligent Microprocessor for Temperature Stability

High accuracy temperature controller with high accuracy temperature probes, maintaining temperatures within 2~8℃ (accuracy of +/- 0.1℃) .

Refrigeration System

High-performance compressor & efficient condenser for superior cooling performance and temperature stability.
HCFC-FREE, nontoxic, hydrocarbon refrigerant with nearly zero global warming potential.
Forced air cooling & auto-defrost ensuring temperature uniformity within 2℃.

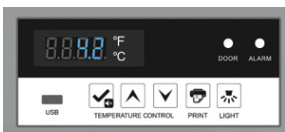## Ergonomic, Intuitive Design

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 (2) shelves and (1) floor basket
Standard built-in USB data logger with remote alarm contacts and RS485 interface for remote monitoring systems.

Intelligent Temperature Control

· 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.

+/-

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.

Interior Lights

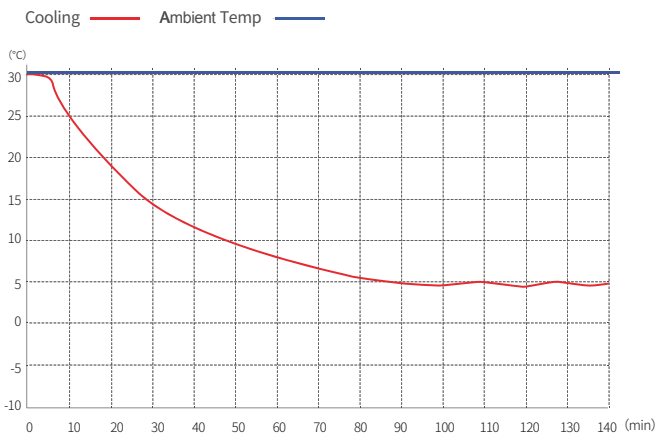Equipped with an LED lighting system, ensuring high visibility inside the chamber.

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.
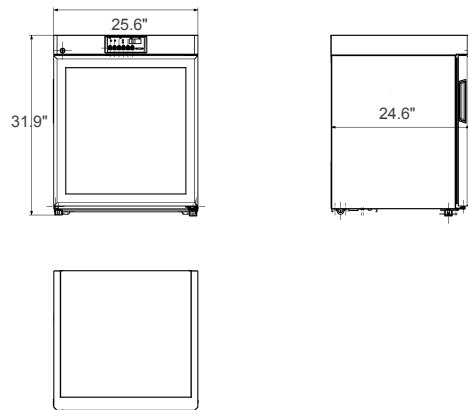
✓ Scope of Application

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 —— Ambient Temp ——

External Dimensions

25.6"
31.9"
24.6"

⚕ Specification Chart

2~8°C Pharmacy Refrigerator

Model	MP-U5RG-HC
Cabinet Type	Undercounter
Capacity(cu/ft)	4.59
Internal Size(W*D*H) inches	21.8*17.7*15 (Floor step up size 21.8*12.5*8)
External Size(W*D*H) inches	25.6*24.6*31.9
Packaging Size(W*D*H) inches	27.8*27*34.3
NW/GW(lbs)	112/134

Performance

Temperature Range	2~8°C
Temperature Accuracy	+/- 1°C
Cooling Set Point	5°C
Climate Rating	Nontoxic, Hydrocarbon Refrigerant
Controller	Microprocessor
Display	Digital display

Refrigeration

Compressor	High Efficiency
Cooling Method	Forced Air Cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness(inches)	2

Construction

External Material	Powder coated steel
Inner Material	Powder coated aluminum
Shelves	(2) PVC coated steel wired shelves and (1) PVC coated steel wire floor basket
Door Lock with Key	Yes
Lighting	LED Lights on interior ceiling
Access Port	Ø 1 inch
Legs	4 leveling feet
Data Logging/Interval/Recording Time	USB/Recording every 10 minutes / 2 years
Door with Heater	Yes, reducing condensation in humid evironments
Standard Accessories	RS485 port, Remote alarm contacts & Backup battery

Alarms

Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure , Low battery
System	Probe error, Door ajar，Built-in datalogger USB Failure,Main board communication error, Remote alarm

Electrical

Power Supply(V/HZ)	110/60
Rated Power(W)	262
Input Power(W)	240
Rated Current(A)	2.28