

MP-23RG-HC Pharmacy/Lab Refrigerator

Serviced Air Cooling

Forced air refrigeration system equipped with an air plenum to evenly distribute air across all of the chamber's shelves.

This refrigerator is equipped with an intelligent microprocessor and incorporates high efficiency, all natural R290 refrigerant, which improves energy savings by more than 40%.

Anti-Fog Glass Door
Electrical heater around the door frame and a LOW-E, double paned door to prevent condensation and fogging.

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.







Intelligent Temperature Control

- 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 set point 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
- · Audible door ajar alarm activates after 1 minute of opening and is automatically muted when the door is closed





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
- · Equipped with aluminum 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



Refrigeration System

• High-efficiency compressor, aircooled condenser and finned evaporator for quick pull down, temperature recovery and stability



Optional chart recorder

- Temperature chart recorder includes pen and paper
- No power supply is required

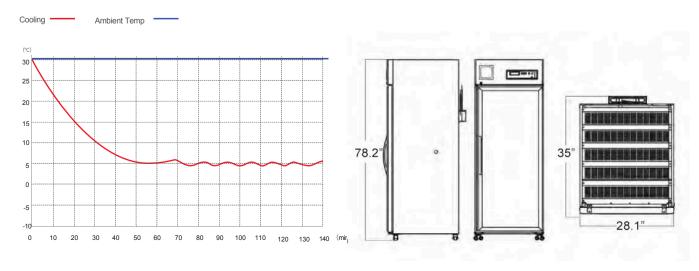
Scope of Application

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

External Dimensions





Capacity(curft) 23	2~8°C Pharmacy Refrigerator	
Capacity(cuff) 23 Internal Size(W*D*H) inches 23.8*28.5*59.6 External Size(W*D*H) inches 28.1*35*78 Package Size(W*D*H) inches 30.4*37.2*84.8 NW/GW(bs) 313/407 Porformance Temperature Range 2-8°C Temperature Accuracy +*/-1*C Cooling Set Point 4*C Climate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Cooling Method Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch	Model	MP-23RG-HC
23.8*28.5*59.6	Cabinet Type	Upright
Internal Size(W*D*H) inches	Capacity(cu/ft)	23
Section Sect	Internal Size(W*D*H) inches	23.8*28.5*59.6
NW/GW(/bs) 313/407	External Size(W*D*H) inches	28.1*35*78
NW/GW(ibs) Performance Temperature Range 2-8°C Temperature Accuracy 4/-1°C Cooling Set Point 4°C Colinate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant Rego Insulation Thickness(inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel Shelves 5 (powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater Aternal Power failure, Low battery System Sensor failure, Door ajar, Built-in datalogger USB failure, Communication failure Electrical Power Supply(V/HZ) Rated Power(W) 480 Power Consumption(KWh/24h) 4.42	Package Size(W*D*H) inches	30.4*37.2*84.8
Temperature Range 2~8°C Temperature Accuracy +/-1°C Cooling Set Point 4°C Climate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(inches 2.2 External Material Inner Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater Yes Alarm Air Temperature High/Low temperature, High ambient temperature, Condenser coil overheating failure, Low battery System Sensor failure, Door ajar, Built-in datalogger USB failure, Communication fai		313/407
Temperature Accuracy +/- 1°C Cooling Set Point 4°C Climate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(Inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc.Ø 1 inch Casters Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater Yes Alarm Temperature High/Low temperature, High ambient temperature, Condenser coil overheatir Electrical Power Supply(V/HZ) 115/60 Rated Power (W) Red Construction 14/20 Refrigerant R290 Refrigeration R290 Refrice R290 Refrigeration R290 Refrice R290 Refrice R290 Refrigeration R290 Refried R290 Refrice R290 Refried R290 Refrice R290	Performance	
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Climate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater High/Low temperature, High ambient temperature, Condenser coil overheating failure Electrical Power Supply(V/HZ) 115/60 Rated Power(W) Power Consumption(KWh/24h) 4.42	Temperature Accuracy	+/- 1°C
Climate Rating Nontoxic, Hydrocarbon Refrigerant Controller Microprocessor Display Digital display Refrigeration Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater High/Low temperature, High ambient temperature, Condenser coil overheating failure Electrical Power Supply(V/HZ) 115/60 Rated Power(W) Power Consumption(KWh/24h) 4.42	Cooling Set Point	4°C
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Compressor 1pc Cooling Method Air cooling Defrost Mode Automatic Refrigerant R290 Insulation Thickness(inches 2.2 Construction External Material Powder coated steel Inner Material Powder coated steel wired shelf) Door Lock with Key Yes Lighting LED Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater Yes Alarm Temperature High/Low temperature, High ambient temperature, Condenser coil overheatin failure Electrical Power Supply(V/HZ) 115/60 Rated Power(W) 480 Power Consumption(KWh/24h) 4.42	Display	Digital display
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Lighting Access Port 1pc. Ø 1 inch Casters 4 (2 casters with brakes) Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Door with heater Yes Alarm Temperature High/Low temperature, High ambient temperature, Condenser coil overheating Electrical Power failure, Low battery Sensor failure, Door ajar, Built-in datalogger USB failure, Communication failure Electrical Power Supply(V/HZ) Rated Power(W) Power Consumption(KWh/24h) 4.42	Shelves	5 (powder coated steel wired shelf)
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Data Logging/Interval/Recording Time USB/Records every 10 minutes / 2 years Yes Alarm Temperature High/Low temperature, High ambient temperature, Condenser coil overheating Electrical Power failure, Low battery Sensor failure, Door ajar, Built-in datalogger USB failure, Communication failure Electrical Power Supply(V/HZ) 115/60 Rated Power(W) 480 Power Consumption(KWh/24h) 4.42	Access Port	1pc. Ø 1 inch
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Power Supply(V/HZ) 115/60 Rated Power(W) 480 Power Consumption(KWh/24h) 4.42	System	
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Power Consumption(KWh/24h) 4.42	Power Supply(V/HZ)	115/60
		480
Accessories		4.42
	Accessories	
Standard Remote alarm dry contacts, Backup battery, RS485	Standard	Remote alarm dry contacts, Backup battery, RS485

