



MP-23RG-HC Pharmacy/Lab Refrigerator

Forced Air Cooling

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

Energy Saving

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.

Medical+Pro





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 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



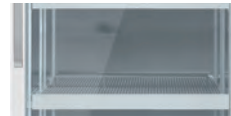
Data Storage

- Temperature data is accessed through the USB port. You may 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 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

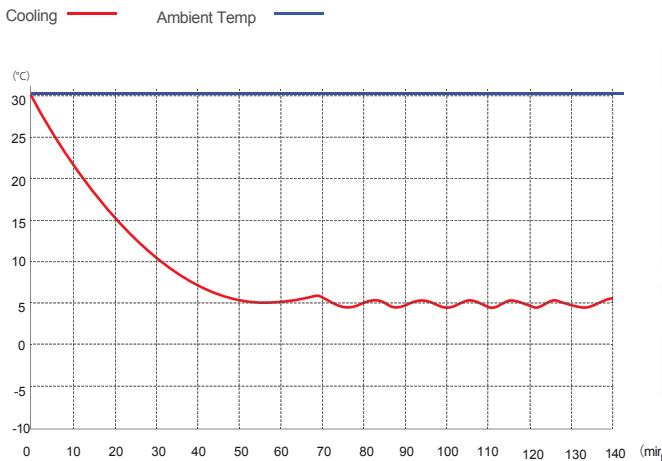
Optional chart recorder

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

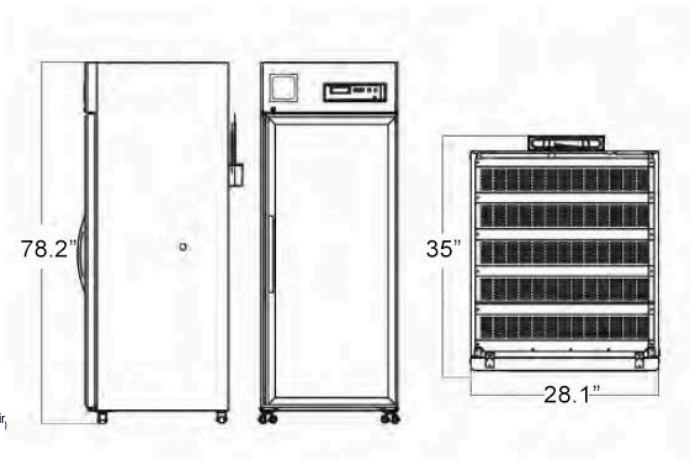
✓ Scope of Application

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



Specification Chart

| 2~8°C Pharmacy Refrigerator | |
|--------------------------------------|---|
| Model | MP-23RG-HC |
| Cabinet Type | Upright |
| Capacity(cu/ft) | 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(lbs) | 313/407 |
| Performance | |
| 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 |
| 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 | Yes |
| Alarm | |
| Temperature | High/Low temperature, High ambient temperature, Condenser coil overheating |
| Electrical | Power failure, Low battery |
| System | 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 |
| Accessories | |
| Standard | Remote alarm dry contacts, Backup battery, RS485 |

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