

Pharmacy Refrigerator SPIRIT

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Door lock
Prevent unauthorized access

LED Light
Easy to observe the storage samples

Easy-to-maintain interior
Anti-corrosion and easy cleaning

Adjustable shelves
Height adjustable shelves to store different drugs

Thick insulation
Made from environmental friendly material.
Ensures low energy consumption.

Level feet
Horizontal place and fix

Microprocessor controller digital display
Ensures inside temperature at 2-8 °C and temperature resolution 0.1 °C

USB Interface
For historical temperature download

Forced-air cooling
For good temperature uniformity

Glass door
Double-layer glass with Electrical heater decrease condensation

Basket
Increase storage efficiency

Castors
Easy moving and lock

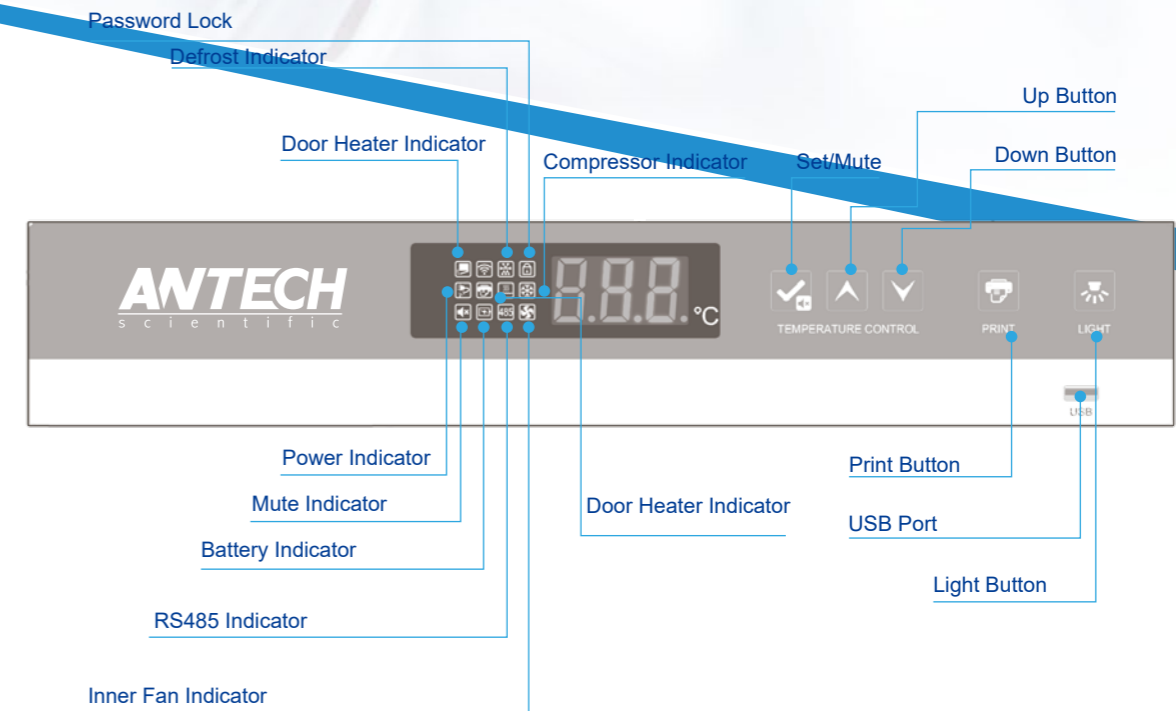
> Refrigeration System

- Forced-air cooling refrigerant system reduces the inside temperature fluctuation and maintains a constant temperature
- Auto-defrost function: automatically remove the ice on evaporator surface
- Reliable compressor and fan, ensure fast cooling, energy-saving and long time running
- Environment friendly refrigerant CFC-free and HFC-free

> Ergonomic Design

- Double layer glass door is easy to observe the storage inside
- Electrical heated glass door avoid condensation
- Door lock avoids the unauthorized access
- Shelves height is adjustable
- Interior LED light for easy observation
- Caster and level feet are easy for moving and lock
- Epoxy coated exterior: anti-bacteria and easy cleaning
- Low noise design creates a comfortable working environment
- RS485 contact enables centralized management

Digital Display & Control Panel



> Features

- Intelligent Control System**
 High-precision microprocessor temperature control system with digital LED temperature display 0.1 °C accuracy.
 Temperature: 2 °C ~ 8 °C
 The digital display indicates the refrigerator work condition and alarm code, easy to know the refrigerator status
 Dual Channel sensors for cooling control and temperature display
 Password protection on microprocessor controller to avoid unauthorized setting
- Security System**
 Audible and visible alarm system for safe storage
 High/Low temperature alarm, Sensor error alarm, Door ajar alarm, Power failure alarm, Low battery alarm
 High Ambient Temperature Alarm, USB Failure Alarm, Remote Alarm
 Standard with remote alarm contact
- Temperature Recording System**
 Build-in USB interface enable users to download the historical temperature data

2°C~8°C Under-bench Refrigerator



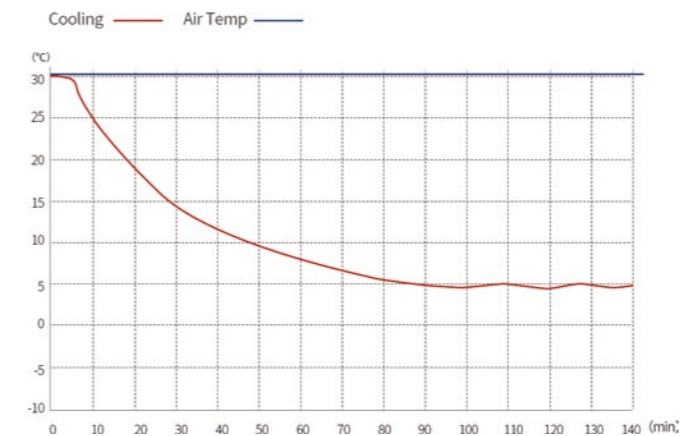
> Humanized Operation Design

Electrical heated glass door with key lock
Multiple alarms: high and low temperature alarm, sensor failure alarm, power failure alarm, door open alarm, remote alarm.
Durable exterior and interior construction, easy to clean;
Standard castors for easy moving
Standard USB port, remote alarm contact and RS485 interface for monitor system.

> Scope of Application

Suitable for storage of biological products, vaccines, drugs, reagents, etc. Application can be found in pharmacies, pharmaceutical factories, hospitals, centers for disease prevention & control, clinics, etc.

> Performance Data/Cooling Curve



> Reliability

High accuracy temperature controller with high sensitivity sensors, keep the temperature within 2~8°C, Display accuracy at 0.1°C.

> Features

Fit with famous brand compressor and condenser, better cool performance;
HCFC-FREE refrigerant ensure environmental protection & safety.
Air cooling, auto-defrost, temperature uniformity within 2°C.

> Specification



Model	MPR-60	MPR-130	MPR-368	MPR-406	MPR-525	MPR-1015
Technical Data	Cabinet Type	Under bench	Under bench	Upright	Upright	Upright
	Capacity (L)	55	135	315	395	525
	Temperature Range (°C)	2-8	2-8	2-8	2-8	2-8
	Temperature Resolution(°C)	0.1	0.1	0.1	0.1	0.1
	Temperature ambient(°C)	10-32	16-32	16-32	16-32	16-32
	Temperature Control	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital display	LED digital display	LED digital display	LED digital display	LED digital display
	Cooling Type	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling
	Defrost Mode	Automatic	Automatic	Automatic	Automatic	Automatic
	Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free
Functions	Noise (dB)	40	40	42	42	43
	High/low Temperature Alarm	Y	Y	Y	Y	Y
	Power Failure Alarm	Y	Y	Y	Y	Y
	Sensor Error Alarm	Y	Y	Y	Y	Y
	Low Battery Alarm	Y	Y	Y	Y	Y
	Door Ajar Alarm	Y	Y	Y	Y	Y
	Ambient Temperature High Alarm	Y	Y	Y	Y	Y
	USB Failure Alarm	Y	Y	Y	Y	Y
Electrical Data	Remote Alarm Contact	Y	Y	Y	Y	Y
	Power (W)	121	147	285	290	548
	Power consumption(KWh/24h)	1.54	1.5	2.05	2.5	3.81
	Rated current (A)	0.53	0.54	1.35	1.8	2.49
Accessories	Voltage/Frequency(V/Hz)	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz	220-240V 50/60Hz 110V 60Hz
	Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door
	Door Lock	Y	Y	Y	Y	Y
	Caster	2	4	4	4	4
	Level Foot	2	2	2	2	2
	Shelf	2	2	4 Shelves +1 Basket	6 Shelves +1 Basket	6 Shelves +1 Basket
	Remote Alarm Contact	Y	Y	Y	Y	Y
	Test Hole	Y	Y	Y	Y	Y
Dimensions	USB	Y	Y	Y	Y	Y
	Net/Gross Weight (kg)	35/38	41/44	87/99	95/108	148/174
	Internal Dimension (W/D/H, mm)	444×440×404	554×450×588	580×533×1122	580×533×1352	610×685×1264
	External Dimension(W/D/H, mm)	540×560×632	650×625×810	650×673×1762	650×673×1992	720×810×1961
	Packing Dimension(W/D/H, mm)	580×600×685	690×665×855	734×749×1800	734×749×2030	744×862×2055
Container Load (20'/40'/40'H)	81/174/174	54/120/120	21/45/45	21/45/45	14/30/30	
						10/21/21