

2~8 °C Pharmacy Refrigerator SPIRIT

Door lock
Prevent unauthorized access

LED Light
Easy to observe the storage things

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

Adjustable shelves
Adjustable shelf height to fill 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 the efficient storage

Castors
Easy moving and lock

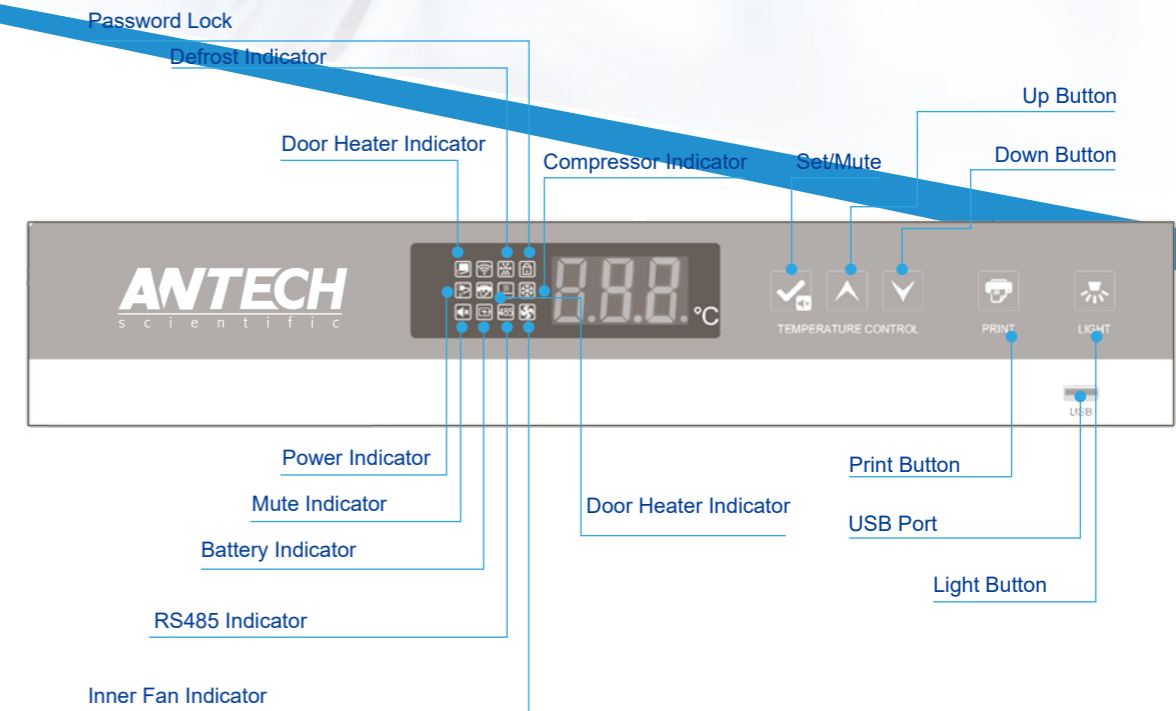
> Refrigeration System

- Forced-air cooling refrigerant system reduces the physically induced temperature drop and enables an almost constant temperature to be maintained
- 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 HCFC-free
- Extra Mechanical thermostat prevents the keep cooling down when electronic controller is failure

> Ergonomic Design

- Double layer glass door is easy to check the inside storage
- Glass door with electrical heater decreases 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 users centralized management

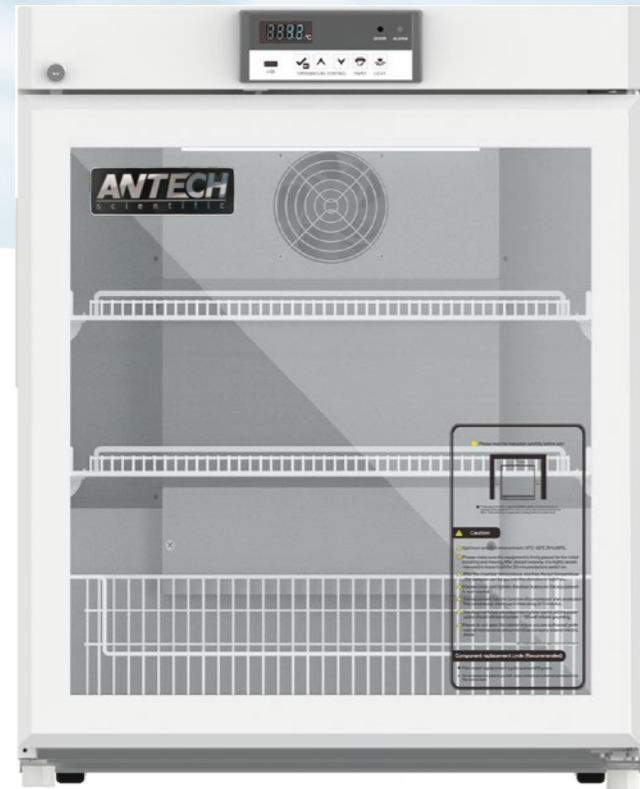
Digital Display & Control Panel



> 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 shows the refrigerator work condition and alarm code, easy to know the refrigerator status
 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
 Ambient Temperature High 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



MPR-130

> Humanized Operation Design

Heating 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-75	MPR-130	MPR-368	MPR-406	MPR-525	MPR-650	MPR-725	MPR-1015	MPR-1320	MPR-1505
Technical Data											
Cabinet Type	Desk top	Desk top	Under bench	Upright	Upright	Upright	Upright	Upright	Upright	Upright	Upright
Capacity (L)	55	75	135	315	395	525	650	725	1015	1320	1505
Temperature Range (°C)	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8
Temperature Resolution(°C)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Temperature ambient(°C)	10-32	10-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32
Temperature Control	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Display	LED digital display	LED digital display	LED digital display	LED digital display	LED digital display	LED digital 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	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling	Forced-air Cooling
Defrost Mode	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Refrigerant	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free	CFC-Free
Noise (dB)	42	42	44	44	45	48	50.9	53.9	53	50.8	60
Functions											
High/Low Temperature Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Power Failure Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sensor Error Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Low Battery Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Door Ajar Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ambient Temperature High Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
USB Failure Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Remote Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Electrical Data											
Power (W)	122	115	150	280	280	310	465	540	520	868	1115
Power consumption(KWh/24h)	1.54	1.54	1.5	2.05	2.5	3.81	3.81	3.81	9.33	9.33	9.33
Rated current (A)	0.53	0.53	0.54	1.35	1.8	2.49	2.49	2.49	3.62	3.62	3.62
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	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	220-240V 50/60Hz 110V 60Hz
Accessories											
Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Single Glass Door	Side-by-side Glass Door	Side-by-side Glass Door	Side-by-side Glass Door
Door Lock	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Caster	2	2	4	4	4	4	4	4	4	4	4
Level Foot	2	2	2	2	2	N/A	N/A	N/A	N/A	N/A	N/A
Shelf	2	2	2	4 Shelves +1 Basket	6 Shelves +1 Basket	6 Shelves +1 Basket	6 Shelves +1 Basket	6 Shelves +1 Basket	12	10	18
Remote Alarm Contact	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Test Hole	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
USB	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Dimensions											
Net/Gross Weight (kg)	35/38	41/44	51/61	87/99	95/108	148/174	157/183	171/200	223/262	203/256	322/430
Internal Dimension (W/D/H, mm)	444×440×404	444×440×536	554×510×588	580×533×1122	580×533×1352	610×685×1264	605×725×1515	980×595×1260	1070×670×1515	1340×670×1502	1685×670×1514
External Dimension(W/D/H, mm)	540×560×632	540×560×764	650×625×810	650×673×1762	650×673×1992	720×810×1961	715×890×1985	1093×750×1972	1180×900×1990	1450×852×1985	1795×880×1990
Packing Dimension(W/D/H, mm)	575×617×682, 0.25CBM	575×617×815, 0.29CBM	723×703×880, 0.45CBM	717×732×1805, 0.95CBM	717×732×2035, 1.07CBM	780×868×2075	773×947×2154, 1.5CBM	1187×795×2136, 2.02CBM	1313×988×2168, 2.82CBM	1568×953×2165, 2.02CBM	1928×988×2165, 4.2CBM
Container Load (20'/40'/40'H)	108/231/231	72/154/231	54/120/120	21/45/45	24/48/48	14/39/39	18/36/36	11/25/25	9/21/21	7/15/15	6/12/12
Other											
Certification	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001	CE, ISO9001