

PharmaStore⁺ Series

2~8°C Pharmacy Refrigerator

The professional PharmaStore⁺ series medical refrigerator, specifically developed to be used by laboratories, hospitals, and pharmacies, ensure optimal storage conditions for temperature sensitive medical products and biological material, meeting the highest requirement for accurate controlled cold storage. Available with a wide range of capacities and applications, from 110 liters for minor needs to 1400 liters for pharmaceutical warehouses.

TC-100A Controller



Microprocessor electronic controller for PharmaStore⁺ series medical refrigerators, fitted with dual LED screen to display inner chamber temperature and key working conditions. Advanced dual sensor control system for accurate temperature control.



LOW CO2
EMISSIONS



FORCE AIR
COOLING



USB PORT



ELECTRIC HEATING
GLASS DOOR



POWER FAILURE
ALARM



DOOR AJAR
ALARM

PERFORMANCE

- Forced air cooling for excellent temperature uniformity
- Variable (cycle) defrost
- Intelligent microprocessor controller with LED digital display resolution 0.1
- Magnetically sealed door with rapid cool-down mode after door opening
- Dual sensor design: Independent control sensor and display sensor

ERGONOMIC DESIGN

- Electric heating glass door prevents condensation water
- Independent switch for electric glass door heating
- Door-activated and exterior switch-activated interior LED lighting
- Self-close door for convenient operation
- Ultra-quiet design reduces noise level

ENVIRONMENT FRIENDLY

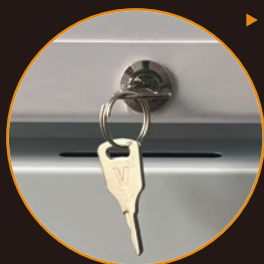
- Natural refrigerant compliant with EPA and SNAP non-ozone depleting mandates
- CFC-Free polyurethane foaming insulation
- High efficiency cooling system for lower energy consumption and carbon emission

ALARMS

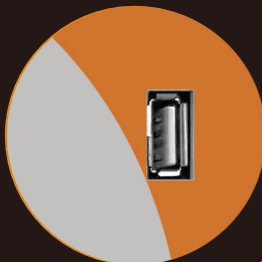
- High temperature
- Low temperature
- Door ajar
- Power failure
- Sensor error
- Low battery

SAFETY

- Build-in data storage and USB port for download
- Password protection avoids key parameters unauthorized change
- Safety door lock, preventing unauthorized access
- Access port for additional temperature probe
- Remote alarm contacts



- ▶ **Safety door lock**
Preventing unauthorized access



- ▶ **USB port**
Temperature data storage and download



- ▶ **Forced air cooling**
Excellent temperature uniformity and fast recovery after door open



- ▶ **Adjustable shelves**
Convenient storage of different size products



- ▶ **Glass door with heater**
2-layer to prevent condensation water
glass door with electric heating



- ▶ **Access port**
For easy access of additional temperature probe



- ▶ **Remote alarm contact**
Sending signal to a remote alarm system

2~8°C

PharmaStore⁺ Series

Model		MPR-40	MPR-60	MPR-110
Basic	Type	Desktop	Desktop	Under-counter, 1-door
	Temperature range (°C)	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST
	Capacity (L)	42	60	136
	Cooling type	Forced-air	Forced-air	Forced-air
	Defrost type	Auto	Auto	Auto
	Refrigerant	R600a	R600a	R600a
	Noise	≤ 42	≤ 42	≤ 42
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1
	Light switch	●	●	●
	Battery switch	●	●	●
	Door heating switch	●	●	●
	USB port & data memory	●	●	●
	Cloud Monitoring (Wi-Fi)	○	○	○
Power	Power supply (V/Hz)	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60
	Rated power when door heating on (W)	130	160	220
Alarm	Visible/audible	●	●	●
	High/low temp	●	●	●
	Remote alarm contact	●	●	●
	Sensor failure	●	●	●
	Door open	●	●	●
	Low battery	●	●	●
	Power failure	●	●	●
Accessories	Door lock with key	●	●	●
	LED light	●	●	●
	Door	2-layer glass door x 1	2-layer glass door x 1	2-layer glass door x 1
	Door heating	●	●	●
	Test access port	Φ 20mm x 1	Φ 20mm x 1	Φ 20mm x 1
	Shelves adjustable QTY	2	2	2
	Basket at bottom	1	1	1
	Adjustable foot	4	4	4
	Caster	/	/	/
Material	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	PS liner	PS liner	PS liner
	Insulation	Polyurethane, 40mm	Polyurethane, 40mm	Polyurethane, 50mm
	Forming agent	Cyclopentane	Cyclopentane	Cyclopentane
Weight & size	Net weight (kg)	29	36	54
	Gross weight (kg)	36	44	60
	Internal W×D×H (mm)	410x370x380	390x370x556	500x510x570
	External W×D×H (mm)	500x510x605	485x480x805	606x680x830
	Packing W×D×H (mm)	550x560x745	535x530x935	660x740x950
	Packing volume (m ³)	0.22	0.27	0.46

● Basic equipment ○ Optional / Not available

2~8°C

PharmaStore⁺Series



Model		MPR-280	MPR-350	MPR-450	MPR-550
Basic	Type	Upright	Upright	Upright	Upright
	Temperature range (°C)	2~8	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST	N/ST
	Capacity (L)	280	376	450	550
	Cooling type	Forced-air	Forced-air	Forced-air	Forced-air
	Defrost type	Auto	Auto	Auto	Auto
	Refrigerant	R290	R600a	R290	R290
	Noise	≤ 45	≤ 45	≤ 45	≤ 46
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1	0.1
	Light switch	●	●	●	●
	Battery switch	●	●	●	●
	Door heating switch	●	●	●	●
	USB port & data memory	●	●	●	●
	Cloud Monitoring (Wi-Fi)	○	○	○	○
Power	Power supply (V/Hz)	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60
	Rated power when door heating on (W)	300	350	320	420
Alarm	Visible/audible	●	●	●	●
	High/low temp	●	●	●	●
	Remote alarm contact	●	●	●	●
	Sensor failure	●	●	●	●
	Door open	●	●	●	●
	Low battery	●	●	●	●
	Power failure	●	●	●	●
Accessories	Door lock with key	●	●	●	●
	LED light	●	●	●	●
	Door	2-layer glass door x 1	2-layer glass door x 1	2-layer glass door x 1	2-layer glass door x 1
	Door heating	●	●	●	●
	Test access port	Φ 20mm x 1	Φ 20mm x 1	Φ 20mm x 1	Φ 20mm x 1
	Shelves adjustable QTY	5	6	5	5
	Basket at bottom	/	1	/	/
	Adjustable foot	/	/	/	/
	Caster	4	4	4	4
Material	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	Pre-coated steel	PS liner	Pre-coated steel	Pre-coated steel
	Insulation	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm
	Forming agent	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Weight & size	Net weight (kg)	77	94	85	103
	Gross weight (kg)	89	107	101	118
	Internal W×D×H (mm)	484x450x1420	500x510x1550	580x550x1480	585x640x1550
	External W×D×H (mm)	580x570x1910	606x680x1865	680x680x2000	680x770x2020
	Packing W×D×H (mm)	620x620x2020	660x740x1930	720x730x2080	730x810x2200
	Packing volume (m3)	0.78	0.94	1.09	1.30

● Basic equipment ○ Optional / Not available

2~8°C

PharmaStore⁺Series



Model		MPR-770	MPR-1070	MPR-1240	MPR-1400
Basic	Type	Upright	Upright	Upright	Upright
	Temperature range (°C)	2~8	2~8	2~8	2~8
	Climate type	N/ST	N/ST	N/ST	N/ST
	Capacity (L)	770	1040	1240	1400
	Cooling type	Forced-air	Forced-air	Forced-air	Forced-air
	Defrost type	Auto	Auto	Auto	Auto
	Refrigerant	R290	R290	R290	R290
	Noise	≤ 47	≤ 47	≤ 48	≤ 48
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LED digital	LED digital	LED digital	LED digital
	Display accuracy	0.1	0.1	0.1	0.1
	Light switch	●	●	●	●
	Battery switch	●	●	●	●
	Door heating switch	●	●	●	●
	USB port & data memory	●	●	●	●
	Cloud Monitoring (Wi-Fi)	○	○	○	○
Power	Power supply (V/Hz)	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60	220/50; 220/60; 120/60
	Rated power when door heating on (W)	490	620	660	690
Alarm	Visible/audible	●	●	●	●
	High/low temp	●	●	●	●
	Remote alarm contact	●	●	●	●
	Sensor failure	●	●	●	●
	Door open	●	●	●	●
	Low battery	●	●	●	●
	Power failure	●	●	●	●
Accessories	Door lock with key	●	●	●	●
	LED light	●	●	●	●
	Door	2-layer glass door x 2	2-layer glass door x 2	2-layer glass door x 3	2-layer glass door x 3
	Door heating	●	●	●	●
	Test access port	Φ 20mm x 1	Φ 20mm x 1	Φ 20mm x 1	Φ 20mm x 1
	Shelves adjustable QTY	10	10	15	15
	Basket at bottom	/	/	/	/
	Adjustable foot	/	/	/	/
Material	Caster	4	4	6	6
	Exterior	Pre-coated steel	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Interior	Pre-coated steel	Pre-coated steel	Pre-coated steel	Pre-coated steel
	Insulation	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm	Polyurethane, 50mm
	Forming agent	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Weight & size	Net weight (kg)	137	161	193	212
	Gross weight (kg)	158	186	230	257
	Internal W×D×H (mm)	950x590x1475	1115x690x1475	1550x590x1475	1730x590x1475
	External W×D×H (mm)	1050x720x2000	1215x820x2000	1650x720x2000	1830x720x2000
	Packing W×D×H (mm)	1100x765x2200	1260x860x2200	1710x765x2200	1870x765x2200
	Packing volume (m3)	1.85	2.38	2.88	3.15

● Basic equipment ○ Optional / Not available