

# 2~8°C Pharmacy Refrigerator

The professional PharmaSafe 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 60 liters for minor needs to 1400 liters for pharmaceutical warehouses. Both glass door and solid door (forming door) are available. Space saving sliding door refrigerators are available for large capacity models. PharmaSafe refrigerators are compliant with main international requirements, including CE, UL, etc.

## TC-100 Controller



Microprocessor electronic controller for PharmaSafe 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.

### 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

- Door-activated and exterior switch-activated interior LED lighting
- Self-close door for convenient operation
- Left/right side open revisable door (capacity less than 600 liters) to suit various space
- 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
- Quick check of max/min temperature in 24 hours
- 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

- ▶ **Dual sensor system**  
Product sensor in aluminum block  
to simulate real product temperature;  
Control sensor in air for accurate control.

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

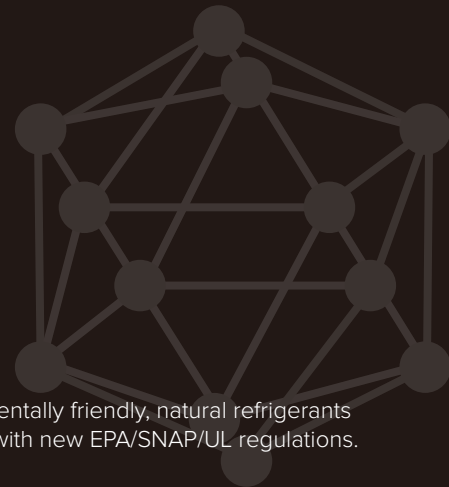
- ▶ **Remote alarm contact**  
Sending signal to a remote alarm system

# PharmaSafe

## 2-8°C/ Desktop/ MPR-68

ANTECH's 60 liter desktop medical refrigerator is ideal for small medical practices, pharmacies, and labs. It is a great choice when you need small medical fridge for specialized medicines, vaccines or lab materials. It is perfectly suited for additional storage where space is a consideration. The MPR-68 is designed for the most rigorous life science, research, healthcare, clinical, and commercial applications.

This unit uses environmentally friendly, natural refrigerants that are fully compliant with new EPA/SNAP/UL regulations.



▼ MPR-68 glass door



▼ MPR-68 solid door



NATURAL  
REFRIGERANT



FORCE AIR  
COOLING



USB PORT



REVERSIBLE  
DOORS



STACKABLE  
DESIGN



DOOR AJAR A  
LARM

MODEL	MPR-68
Door type	1 glass door as standard, solid door optional
Temperature range (°C)	2~8
Capacity (L)	65
External dimensions W×D×H (mm)	510×560×670
Shelves (pcs)	2
Power supply	220V/50Hz; 220V/60Hz; 120V/60Hz
Data storage & USB port	Yes

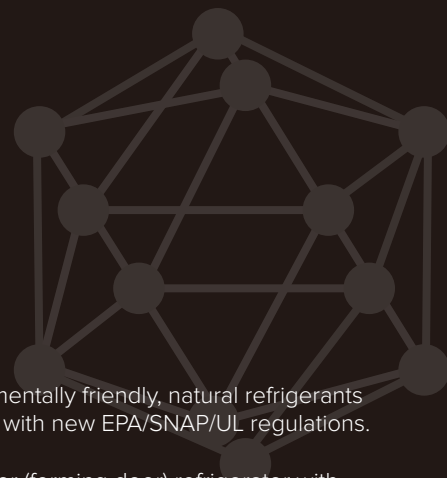
# PharmaSafe

## 2-8°C/ Under-counter/ MPR-136

ANTECH's glass door 136 liter undercounter medical refrigerator MPR-136 is ideal for small medical practices, pharmacies, and labs. Its height is designed to match laboratory table and optimized usage of limited space. Despite a small capacity refrigerator, the functions are complete for medical and laboratory applications, including data storage and USB port for download, high/low temperature alarm, door open alarm, power failure alarm, remote alarm contact, etc. Therefore, MPR-136 meets the most rigorous requirements of healthcare and scientific research.

This unit uses environmentally friendly, natural refrigerants that are fully compliant with new EPA/SNAP/UL regulations.

MPR-136S is a solid door (forming door) refrigerator with same functions and features.



▶ With Stacking Kits



ANTECH PharmaSafe series under counter and benchtop units are stackable using ANTECH stacking kit. You can order with various combinations with flexibility for your specific demand



NATURAL  
REFRIGERANT



FORCE AIR  
COOLING



USB PORT



REVERSIBLE  
DOORS



STACKABLE  
DESIGN



DOOR AJAR A  
LARM

MODEL	MPR-136
Door type	1 glass door as standard, solid door optional
Temperature range (°C)	2~8
Capacity (L)	136
External dimensions W×D×H (mm)	600×650×820
Shelves (pcs)	3
Power supply	220V/50Hz; 220V/60Hz; 120V/60Hz
Data storage & USB port	Yes

# PharmaSafe

## 2-8°C/ MPR-260/360/525

PharmaSafe series upright glass door medical refrigerators are used to store medicines, vaccines or lab materials in pharmacies, hospitals, clinics and labs. Forced air cooling enables excellent temperature uniformity. The dual-pane, insulated LOW-E glass door provides superior thermal performance and lower condensation. Product temperature sensor is put into aluminum block to simulate product temperature. Access port is available for additional temperature probe.

Solid door (forming door) models are available for these medical refrigerators.

These units use environmentally friendly, natural refrigerants that are fully compliant with new EPA/SNAP/UL regulations.

Temperature data storage and USB port are supplied as standard. A pdf format file including temperature curve and temperature data can be downloaded. A quick check of maximum and minimum temperature record in previous 24 hours is also available, making the job much easier for operators.



▼ MPR-260



▼ MPR-360



▼ MPR-525



LOW CO<sub>2</sub>  
EMISSIONS



FORCE AIR  
COOLING



USB PORT



REVERSIBLE  
DOORS



POWER FAILURE  
ALARM



DOOR AJAR A  
LARM

MODEL	MPR-260	MPR-360	MPR-525
Door type	1 glass door as standard, solid door optional		
Temperature range (°C)	2~8	2~8	2~8
Capacity (L)	270	375	520
External dimensions W×D×H (mm)	600×560×1540	600×650×1805	775×700×1905
Shelves (pcs)	5	6	5
Power supply	220V/50Hz 220V/60Hz 120V/60Hz	220V/50Hz 220V/60Hz 120V/60Hz	220V/50Hz 220V/60Hz 120V/60Hz
Data storage & USB port	Yes	Yes	Yes



# PharmaSafe

## 2-8°C/ MPR-656/1006/1410

PharmaSafe series large capacity medical refrigerators are used to store medicines, vaccines or lab materials with large volume. The capacity is up to 1410 liters. Forced air cooling for high-temperature stability and quick temperature recovery after door open. The dual-pane, insulated glass door provides superior thermal performance and lower energy consumption.

Temperature data storage and USB port are supplied as standard. A quick check of maximum and minimum temperature record in previous 24 hours is also available.

Solid door (forming door) models are available for light sensitive materials.

These units use environmentally friendly, natural refrigerants that are fully compliant with new EPA/SNAP/UL regulations.



LOW CO2 EMISSIONS



FORCE AIR COOLING



USB PORT



REVERSIBLE DOORS



POWER FAILURE ALARM



DOOR AJAR ALARM

MODEL	MPR-656	MPR-1006	MPR-1410
Door type	1 glass door as standard, solid door optional	2 glass door as standard, solid door optional	
Temperature range (°C)	2~8	2~8	2~8
Capacity (L)	638	1140	1410
External dimensions W×D×H (mm)	780×827×1945	1300×827×1945	1580×827×1945
Shelves (pcs)	5	5	5
Power supply	220V/50Hz 220V/60Hz 120V/60Hz	220V/50Hz 220V/60Hz 120V/60Hz	220V/50Hz 220V/60Hz 120V/60Hz
Data storage & USB port	Yes	Yes	Yes

2~8°C

## PharmaSafe series



	Model	MPR-68			MPR-136			MPR-260			MPR-360			MPR-525		
Main specifications	Type	Desktop			Under-counter			Upright			Upright			Upright		
	Temperature range (°C)	2~8			2~8			2~8			2~8			2~8		
	Climate type	N			N			N			N			N		
	Capacity (L)	65			136			270			375			520		
	Internal W×D×H (mm)	410×420×420			500×510×570			500×450×1290			500×510×1550			645×510×1640		
	External W×D×H (mm)	510×560×670			600×650×820			600×560×1540			600×650×1805			775×700×1905		
	Weight (KGs)	34			53			71			83			121		
	Insulation (mm)	50			50			50			50			60		
	Cooling type	Forced air			Forced air			Forced air			Forced air			Forced air		
	Defrost	Auto defrost			Auto defrost			Auto defrost			Auto defrost			Auto defrost		
	Refrigerant	R600a			R600a			R600a(220/60:R290)			R600a(220/60:R290)			R600a(220/60:R290)		
Control system	Controller	TC-100			TC-100			TC-100			TC-100			TC-100		
	Display	LED digital			LED digital			LED digital			LED digital			LED digital		
	Display accuracy	0.1			0.1			0.1			0.1			0.1		
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	220/50	220/60	120/60
	Rated power (W)	118	118	100	135	135	105	175	210	180	237	230	210	210	210	210
	Rated Current (A)	1.0	1.0	1.2	1.0	1.0	1.2	1.3	1.5	1.8	1.6	1.6	2.2	1.5	1.5	2.2
Data memory	High/low temp check	Yes			Yes			Yes			Yes			Yes		
	USB port	Yes			Yes			Yes			Yes			Yes		
	Cloud monitoring (Wi-Fi)	CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional		
Alarm functions	Visible/audible alarm	Yes			Yes			Yes			Yes			Yes		
	High/low temp alarm	Yes			Yes			Yes			Yes			Yes		
	Remote alarm contact	Yes			Yes			Yes			Yes			Yes		
	Sensor failure	Yes			Yes			Yes			Yes			Yes		
	Door open	Yes			Yes			Yes			Yes			Yes		
	Low battery	Yes			Yes			Yes			Yes			Yes		
	Power failure	Yes			Yes			Yes			Yes			Yes		
Other feature	Door lock with key	Yes			Yes			Yes			Yes			Yes		
	Inner LED light	Yes			Yes			Yes			Yes			Yes		
	Adjustable foot	Yes			Yes			-			-			-		
	Caster	-			-			Yes			Yes			Yes		
	Test access port	Φ 20mm x 1			Φ 20mm x 1			Φ 20mm x 1			Φ 20mm x 1			Φ 20mm x 1		
	Shelves adjustable	1			2			5			5			5		
	Shelf at bottom	1			1			1			1			1		
	Door QTY	1			1			1			1			1		
Material	Exterior	Pre-coated steel			Pre-coated steel			Pre-coated steel			Pre-coated steel			Pre-coated steel		
	Interior	Pre-coated aluminum			Pre-coated aluminum			Pre-coated aluminum			Pre-coated aluminum			Pre-coated aluminum		
	Door	2-layer glass door, optional solid door			2-layer glass door, optional solid door			2-layer glass door, optional solid door			2-layer glass door, optional solid door			2-layer glass door, optional solid door		
	Insulation	Polyurethane			Polyurethane			Polyurethane			Polyurethane			Polyurethane		
Shipping	Gross weight (KGs)	42			60			82			101.5			138.5		
	Packing W×D×H (mm)	570×620×720			650×700×860			660×620×1650			660×700×1900			830×750×2000		
	Volume (m³)	0.25			0.39			0.68			0.88			1.25		

2~8°C

# PharmaSafe series



	Model	MPR-656			MPR-1006			MPR-1410		
Main specifications	Type	Upright			Upright			Upright		
	Temperature range (°C)	2~8			2~8			2~8		
	Climate type	N			N			N		
	Capacity (L)	638			1140			1410		
	Internal W×D×H (mm)	660×690×1400			1180×690×1400			1460×690×1400		
	External W×D×H (mm)	780×827×1945			1300×827×1945			1580×827×1945		
	Weight (KGs)	144			223			238		
	Insulation (mm)	60			60			60		
	Cooling type	Forced air			Forced air			Forced air		
	Defrost	Auto defrost			Auto defrost			Auto defrost		
	Refrigerant	R290			R290			R290		
Control system	Controller	TC-100			TC-100			TC-100		
	Display	LED digital			LED digital			LED digital		
	Display accuracy	0.1			0.1			0.1		
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 (W)	260	260	250	400	400	420	400	400	420
	Rated Current (A)	1.5	1.5	2.6	2.35	2.35	4.8	2.35	2.35	4.8
Data memory	High/low temp check	Yes			Yes			Yes		
	USB port	Yes			Yes			Yes		
	Cloud monitoring (Wi-Fi)	CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional		
Alarm functions	Visible/audible alarm	Yes			Yes			Yes		
	High/low temp alarm	Yes			Yes			Yes		
	Remote alarm contact	Yes			Yes			Yes		
	Sensor failure	Yes			Yes			Yes		
	Door open	Yes			Yes			Yes		
	Low battery	Yes			Yes			Yes		
	Power failure	Yes			Yes			Yes		
Other feature	Door lock with key	Yes			Yes			Yes		
	Inner LED light	Yes			Yes			Yes		
	Adjustable foot	-			-			-		
	Caster	Yes			Yes			Yes		
	Test access port	Φ 20mm x 1			Φ 20mm x 1			Φ 20mm x 1		
	Adjustable shelves QTY	5			5			5		
	Door QTY	1			2			2		
Material	Exterior	Coated steel			Coated steel			Coated steel		
	Interior	Coated steel			Coated steel			Coated steel		
	Door	3-layer glass door, optional solid door			3-layer glass door, optional solid door			3-layer glass door, optional solid door		
	Insulation	Polyurethane			Polyurethane			Polyurethane		
Shipping	Gross weight (KGs)	201			258			278		
	Packing W×D×H (mm)	840×870×2150			1340×870×2150			1640×870×2150		
	Volume (m³)	1.57			2.51			3.07		