

## 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

Antech PharmaSafe fridges available from CCAT Scientific 0800 222 812 info@ccat.co.nz  
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► **Safety door lock**  
Preventing unauthorized access



► **USB port**  
Temperature data storage and download



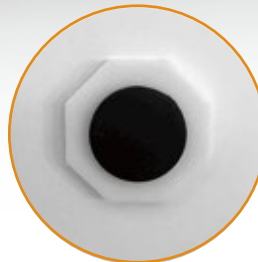
► **Forced air cooling**  
Excellent temperature uniformity and fast recovery after door open



► **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/ 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

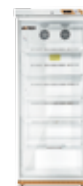


DOOR AJAR A  
LARM

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)	600×590×1585	600×680×1840	775×700×1945
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	•	•	•

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)	410×391×420			500×510×570			500×420×1290			500×510×1550			645×510×1640		
	External W×D×H (mm)	510×590×660			600×680×812			600×590×1585			600×680×1840			775×700×1945		
	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)		
	Controller	TC-100			TC-100			TC-100			TC-100			TC-100		
Control system	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	●			●			●			●			●		
	USB port	●			●			●			●			●		
	Cloud monitoring (Wi-Fi)	○ CryoMonitor 2000TF			○ CryoMonitor 2000TF			○ CryoMonitor 2000TF			○ CryoMonitor 2000TF			○ CryoMonitor 2000TF		
Alarm functions	Visible/audible alarm	●			●			●			●			●		
	High/low temp alarm	●			●			●			●			●		
	Remote alarm contact	●			●			●			●			●		
	Sensor failure	●			●			●			●			●		
	Door open	●			●			●			●			●		
	Low battery	●			●			●			●			●		
	Power failure	●			●			●			●			●		
Other feature	Door lock with key	●			●			●			●			●		
	Inner LED light	●			●			●			●			●		
	Adjustable foot	●			●			-			-			-		
	Caster	-			-			●			●			●		
	Test access port	Φ19mm x 1			Φ19mm x 1			Φ19mm x 1			Φ19mm x 1			Φ19mm 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		