# 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

## ALARMS

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

## ERGONOMIC DESIGN

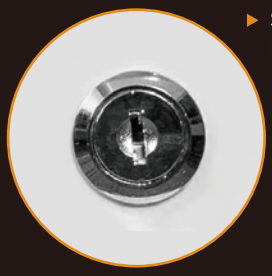
- Door-activated and exterior switch-activated interior LED lighting
- Self-close door for convenient operation
- Left/right side open revisable door (capacity less than 600 liters) to suit various space
- Ultra-quite design reduces noise level

## SAFETY

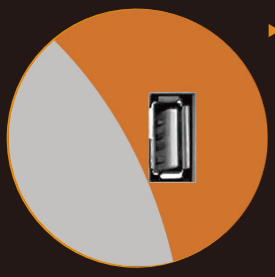
- Build-in data storage and USB port for download
- Quick check of max/min temperature in 24 hours
- Password protection avoids key parameters unauthorized change
- Safety door lock, preventing unauthorized access
- Access port for additional temperature probe
- Remote alarm contacts

## 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



**Safety door lock**
Preventing unauthorized access

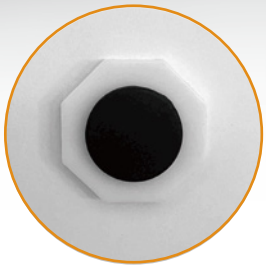


**USB port**
Temperature data storage and download

**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) | 510×590×660 |
| Shelves (pcs) | 2 |
| Power supply | 220V/50Hz; 220V/60Hz; 120V/60Hz |
| Data storage & USB port | ● |

# PharmaSafe

## 2-8°C/ Under-counter/ MPR-136

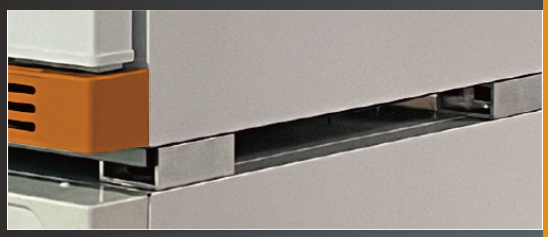
ANTECH's glass door 136 liter undercounter medical refrigerator MPR-136 is ideal for small medical practices, pharmacies, and labs. Its height is designed to match laboratory table and optimized usage of limited space. Despite a small capacity refrigerator, the functions are complete for medical and 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 |
| Externmal dimensions W×D×H (mm) | 600×680×812 |
| Shelves (pcs) | 3 |
| Power supply | 220V/50Hz; 220V/60Hz; 120V/60Hz |
| Data storage & USB port | ● |

# 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 CO2 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<br>220V/60Hz<br>120V/60Hz | 220V/50Hz<br>220V/60Hz<br>120V/60Hz | 220V/50Hz<br>220V/60Hz<br>120V/60Hz |
| Data storage & USB port | ● | ● | ● |

# 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.

MPR-656

MPR-1006

LOW CO2 EMISSIONS

FORCE AIR COOLING

USB PORT

POWER FAILURE ALARM

DOOR AJAR A LARM

| 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) | 780×840×1965 | 1300×840×1965 | 1580×840×1965 |
| Shelves (pcs) | 5 | 5 | 5 |
| Power supply | 220V/50Hz<br>220V/60Hz<br>120V/60Hz | 220V/50Hz<br>220V/60Hz<br>120V/60Hz | 220V/50Hz<br>220V/60Hz<br>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 |
|---|---|---|---|---|---|---|
| Basic | Type | Desktop | Under-counter | Upright | Upright | Upright |
| | Temperature range (℃) | 2～8 | 2～8 | 2～8 | 2～8 | 2～8 |
| | Climate type | N | N | N | N | N |
| | Capacity (L) | 65 | 136 | 270 | 375 | 520 |
| | Cooling type | Forced air | Forced air | Forced air | Forced air | Forced air |
| | Defrost type | Auto defrost | Auto defrost | Auto defrost | Auto defrost | Auto defrost |
| | Refrigerant | R600a | R600a | R600a | R600a | R600a |
| Control | 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 |
| | Light switch | ● | ● | ● | ● | ● |
| | High/low temp check | ● | ● | ● | ● | ● |
| | USB port & data menory | ● | ● | ● | ● | ● |
| | 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 | 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; 1.75 | 1.6; 1.6; 2.2 | 1.5; 1.5 ; 2.2 |
| Alarm | Visible/audible alarm | ● | ● | ● | ● | ● |
| | High/low temp alarm | ● | ● | ● | ● | ● |
| | Remote alarm contact | ● | ● | ● | ● | ● |
| | Sensor failure | ● | ● | ● | ● | ● |
| | Door open | ● | ● | ● | ● | ● |
| | Power failure | ● | ● | ● | ● | ● |
| Accessories | Door lock with key | ● | ● | ● | ● | ● |
| | LED light | ● | ● | ● | ● | ● |
| | Door Qty | 1 | 1 | 1 | 1 | 1 |
| | Door | 2-layer glass | 2-layer glass | 2-layer glass | 2-layer glass | 2-layer glass |
| | Test access port | Φ19mm x 1 | Φ19mm x 1 | Φ19mm x 1 | Φ19mm x 1 | Φ19mm x 1 |
| | Shelves adjustable QTY | 1 | 2 | 5 | 6 | 5 |
| | Shelf at buttom QTY | 1 | 1 | 1 | 1 | 1 |
| | Adjustbale foot | ● | ● | / | ● | ● |
| | Caster | / | / | ● | ● | ● |
| 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 |
| | Insulation | Polyurethane, 50mm | Polyurethane, 50mm | Polyurethane, 50mm | Polyurethane, 50mm | Polyurethane, 65mm |
| Weight & size | Net weight（kg） | 34 | 53 | 71 | 83 | 121 |
| | Gross weight (KGs) | 42 | 60 | 82 | 102 | 138 |
| | Intermal W×D×H (mm) | 410×391×420 | 500×510×570 | 500×420×1290 | 500×510×1550 | 645×510×1640 |
| | Extermal W×D×H (mm) | 510×590×660 | 600×680×812 | 600×590×1585 | 600×680×1840 | 775×700×1945 |
| | 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 |

* Solid door optional

# 2~8°C

# PharmaSafe series

| | Model | MPR-656 | MPR-1006 | MPR-1410 |
|---|---|---|---|---|
| Basic | Type | Upright | Upright | Upright |
| | Temperature range (℃) | 2～8 | 2～8 | 2～8 |
| | Climate type | N | N | N |
| | Capacity (L) | 638 | 1140 | 1410 |
| | Cooling type | Forced air | Forced air | Forced air |
| | Defrost type | Auto defrost | Auto defrost | Auto defrost |
| | Refrigerant | R290 | R290 | R290 |
| Control | Controller | TC-100 | TC-100 | TC-100 |
| | Display | LED digital | LED digital | LED digital |
| | Display accuracy | 0.1 | 0.1 | 0.1 |
| | Light switch | ● | ● | ● |
| | High/low temp check | ● | ● | ● |
| | USB port & data menory | ● | ● | ● |
| | 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 (W) | 260; 260; 250 | 400; 400; 420 | 400; 400; 420 |
| | Rated current (A) | 1.5; 1.5; 2.6 | 2.4; 2.4; 4.8 | 2.4; 2.4; 4.8 |
| Alarm | Visible/audible alarm | ● | ● | ● |
| | High/low temp alarm | ● | ● | ● |
| | Remote alarm contact | ● | ● | ● |
| | Sensor failure | ● | ● | ● |
| | Door open | ● | ● | ● |
| | Power failure | ● | ● | ● |
| Accessories | Door lock with key | ● | ● | ● |
| | LED light | ● | ● | ● |
| | Door Qty | 1 | 2 | 2 |
| | Door | 3-layer glass | 3-layer glass | 3-layer glass |
| | Test access port | Φ19mm x 1 | Φ19mm x 1 | Φ19mm x 1 |
| | Shelves adjustable QTY | 5 | 5 | 5 |
| | Shelf at buttom QTY | / | / | / |
| | Adjustbale foot | / | / | / |
| | Caster | ● | ● | ● |
| Material | Exterior | Coated steel | Coated steel | Coated steel |
| | Interior | Coated steel | Coated steel | Coated steel |
| | Insulation | Polyurethane, 60mm | Polyurethane, 60mm | Polyurethane, 60mm |
| Weight & size | Net weight（kg） | 144 | 223 | 238 |
| | Gross weight (KGs) | 201 | 258 | 278 |
| | Intermal W×D×H (mm) | 660×650×1400 | 1180×690×1400 | 1460×650×1400 |
| | Extermal W×D×H (mm) | 780×840×1965 | 1300×830×1965 | 1580×840×1965 |
| | Packing W×D×H (mm) | 840×870×2150 | 1340×870×2150 | 1640×925×2180 |
| | Volume (m3) | 1.57 | 2.51 | 3.07 |

* Solid door optional