# PharmaStore series pharmacy refrigerators

Antech PharmaStore series pharmacy refrigerators are designed to store drugs, vaccine and reagents in drug stores, clinics, hospitals and laboratories.

Advanced forced air cooling & dual sensor control systems are adopted for excellent temperature uniformity and accurate temperature control.

PharmaStore series are equipped with complete professional functions to guarantee safety of products, such as high/low temperature alarm, door ajar alarm, sensor error alarm, power failure alarm, remote alarm contact, etc.

Available with a wide range of capacities, from 60 liter desktop refrigerator to 1015 liter side-by-side door refrigerator. PharmaStore series refrigerators are compliant with main international requirements, including CE, UL, etc.

This units uses environmentally friendly, natural refrigerant fully compliant with new EPA/SNAP/UL regulations.

## TC-110 Controller

Microprocessor electronic controller for PharmaStore series pharmacy refrigerators, advanced dual sensor control system for accurate temperature control.

| LOW CO2 EMISSIONS | NATURAL REFRIGERANT | CFC /HCFC FREE | HIGH/LOW TEMPERATURE ALARM | POWER FAILURE ALARM | DOOR AJAR ALARM | SAFETY DOOR LOCK | FORCE AIR COOLING | CE CERTIFICATION |
|---|---|---|---|---|---|---|---|---|

**PERFORMANCE**

• Forced air cooling for excellent temperature uniformity
• Variable (cycle) defrost
• Microprocessor controller with LED digital display
• Dual sensor design: Independent control sensor and display sensor

**SAFETY**

• High/low temperature alarm, door ajar alarm, sensor error alarm, power failure alarm with backup battery
• Safety door lock, preventing unauthorized access
• Access port for additional temperature probe
• Remote alarm contact

**ERGONOMIC DESIGN**

• Interior LED lighting for convenient operation
• Ultra-quite design reduces noise level
• Adjustable feet for leveling

**ENVIRONMENT FRIENDLY**

• Natural refrigerant compliant with EPA and SNAP non-ozone depleting mandates
• High efficiency cooling system for lower energy consumption and carbon emission
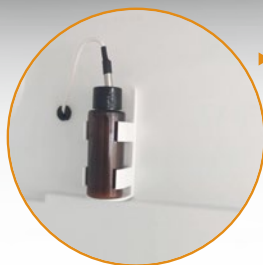
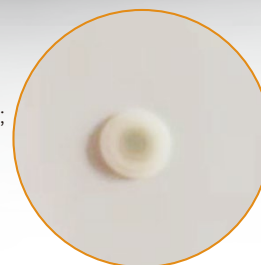MPR-60     MPR-120     MPR-280     MPR-362     MPR-440

**▶ Safety door lock**
Preventing unauthorized access

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

**▶ Dual sensor system**
Product sensor in Emery sand bottle to simulate real product temperature; Control sensor in air for accurate temperature control.

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

**▶ Remote alarm contact**

**▶ Backup battery**
For alarm in case of power failure

# Specification

| Model | | MPR-60 | MPR-120 | MPR-280 | MPR-362 | MPR-440 |
|---|---|---|---|---|---|---|
| Main Specifications | Temperature Range (℃) | 2～8 | 2～8 | 2～8 | 2～8 | 2～8 |
| | Climate Class | N | N | N | N | N |
| | Capacity (L) | 60 | 120 | 280 | 362 | 440 |
| | Cooling Type | Forced-Air | Forced-Air | Forced-Air | Forced-Air | Forced-Air |
| | Defrost | Auto | Auto | Auto | Auto | Auto |
| | Refrigerant | R600a | R600a | R600a | R600a | R600a |
| | Noise (dB) | 45 | 45 | 45 | 45 | 45 |
| Control System | Controller | TC-110 | TC-110 | TC-110 | TC-110 | TC-110 |
| | Display | LED digital | LED digital | LED digital | LED digital | LED digital |
| | Display Accuracy | 0.1 ℃ | 0.1 ℃ | 0.1 ℃ | 0.1 ℃ | 0.1 ℃ |
| | Sensor | Display sensor & control sensor | | | | |
| Power | Power Supply (V/Hz) | 220/50, 220/60, 120/60 | | | | |
| | Power (W) | 65 | 80 | 135 | 240 | 280 |
| Dimensions | Inner (W*D*H, mm) | 394*376*418 | 477*424*632 | 473*550*1160 | 473*550*1460 | 473*550*1760 |
| | External (W*D*H, mm) | 480*535*580 | 597*540*880 | 595*710*1340 | 595*710*1640 | 595*710*1940 |
| | Packing (W*D*H, mm) | 520*565*620 | 635*585*935 | 640*760*1370 | 640*760*1670 | 640*760*1970 |
| | Net Weight（KG） | 22 | 37 | 53 | 59 | 65 |
| | Gross Weight（KG） | 26 | 45 | 64 | 71 | 78 |
| Alarm Functions | Visible/audible Alarm | Yes | Yes | Yes | Yes | Yes |
| | High/Low Temperature | Yes | Yes | Yes | Yes | Yes |
| | Sensor Error | Yes | Yes | Yes | Yes | Yes |
| | Door Ajar | Yes | Yes | Yes | Yes | Yes |
| | Power Failure | Yes | Yes | Yes | Yes | Yes |
| | Low Battery | Yes | Yes | Yes | Yes | Yes |
| | Remote Alarm Contact | Yes | Yes | Yes | Yes | Yes |
| Materials | Exterior | Painted steel | Painted steel | Painted steel | Painted steel | Painted steel |
| | Interior | Polystyrene | Polystyrene | Polystyrene | Polystyrene | Polystyrene |
| | Insulation | Polyurethane | Polyurethane | Polyurethane | Polyurethane | Polyurethane |
| | Door | Glass door x 1 | Glass door x 1 | Glass door x 1 | Glass door x 1 | Glass door x 1 |
| | Inner light | LED | LED | LED | LED | LED |
| | Shelf | Coated Steel Wire | Coated Steel Wire | Coated Steel Wire | Coated Steel Wire | Coated Steel Wire |
| | Shelf Qty | 1 large & 1 small | 3 large & 1 small | 5 large & 1 small | 7 large & 1 small | 9 large & 1 small |
| Others | Door Lock | Yes | Yes | Yes | Yes | Yes |
| | Test Access Port | Yes | Yes | Yes | Yes | Yes |
| | Adjustable Feet | Yes | Yes | Yes | Yes | Yes |
| | Backup battery | Yes | Yes | Yes | Yes | Yes |