



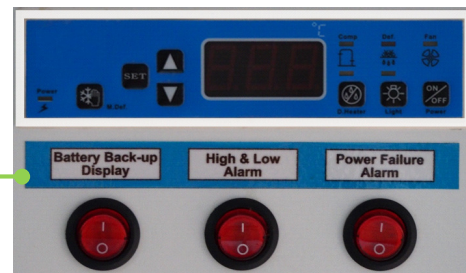
RPR-500



RPR-1050



RPR-1600



## Applications

Designed to store pharmaceutical products, medicine, and other related products. This product is applicable to clinics, hospitals, pharmacy stores, epidemic prevention services, and food services.

## Features

- **Certified with ISO13485 (Medical devices - Quality management systems); Registered & Approved by MMDA (Malaysia Medical Device Association)**
- Microprocessor control and Digital display, ensuring internal temperature in the range of 2°C to 8°C
- Digital controller for temperature uniformity and fluctuation of less than 0.5°C
- Back-up memory system protects the preset temperature value during power failure
- Alarm systems: High & Low Alarm (temperature out of spec), Power Failure Alarm, Door Open Alarm (open for more than 3 minutes)
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- High efficient compressor and CFC-FREE refrigerant for fast cooling effect
- Ergonomic design
- Automatic cycle defrost ensure temperature stable
- Body construction: Powder coated mild steel
- Built-in circuit breaker
- Transparent large glass door with heater to remove condensation and easy viewing
- LED lighting for clear viewing of stored item
- Door switch to control air circulation to reduce temperature fluctuation during door opening
- Door lock for authorization purpose
- Supplied with adjustable shelves
- Mounted with locking-castor-wheels for easy mobility and location setting

## Specification

| Model                     | RPR-300   | RPR-500             | RPR-1050                      | RPR-1600                      |
|---------------------------|---|---------------------|-------------------------------|-------------------------------|
| Capacity                  | 300 litres  | 500 litres          | 1050 litres                   | 1600 litres                   |
| Body construction         | Powder coated mild steel  |                     |                               |                               |
| Temp. working range       | CFC-free polyurethane   |                     |                               |                               |
| Temp. setting & display   | 2°C to 8°C  |                     |                               |                               |
| Temperature Fluctuation   | LED Digital display to 0.1°C  |                     |                               |                               |
| Controls panel            | Touch-pad icon based controls & display   |                     |                               |                               |
| Temperature sensor        | PTC (Reading based on internal chamber's sample temperature)                                      |                     |                               |                               |
| Alarm system              | Audible and Visual alarms with battery back-up. With remote alarm contact                         |                     |                               |                               |
| Alarm conditions          | High & Low Alarm , Door open Alarm, Power failure Alarm, Low Battery Alarm                        |                     |                               |                               |
| Air Circulation           | Force air circulation fan. Special guided air flow system to max uniform temperature distribution |                     |                               |                               |
| Refrigeration compressor  | Reciprocating Hermetic seal type  |                     |                               |                               |
| Compressor power          | 1/3hp   | 3/8hp               | 2/5hp                         | 3/4hp                         |
| Cooling capacity (Btu/hr) | 2798  | 3668                | 4235                          | 7105                          |
| Compressor Sound Level    | 50dBA   | 55dBA               | 55dBA                         | 55dBA                         |
| Refrigerant               | R134a, CFC FREE   |                     |                               |                               |
| Defrost                   | Automatic cycle defrost   |                     |                               |                               |
| Indicating lamp           | LED lamp  |                     |                               |                               |
| Power supply              | 240VAC, 50Hz single phase   |                     |                               |                               |
| Rated Load Amp            | 2.5A  | 3.1A                | 3.2A                          | 4.5A                          |
| Epoxy coated Shelves      | 4 pcs   | 5 pcs               | 10 pcs                        | 15 pcs                        |
| Door                      | Single glass door with heater   |                     | Double glass door with heater | Triple glass door with heater |
| Chamber dimension (mm)    | 465W x 645D x 1123H   | 540W x 650D x 1430H | 1100W x 650D x 1430H          | 1650W x 650D x 1430H          |
| Overall dimension (mm)    | 585W x 815D x 1690H   | 640W x 840D x 2070H | 1280W x 840D x 2070H          | 1780W x 800D x 2070H          |
| Weight                    | 90kg  | 120kg               | 165kg                         | 270 kg                        |

## Optional Accessories

- 7 days Chart-recorder (Hard-copy chart) for temperature monitoring
- Temperature logger (Wireless or USB connect) for temperature monitoring
- GSM Auto-dialer System (for remote alarm monitoring)