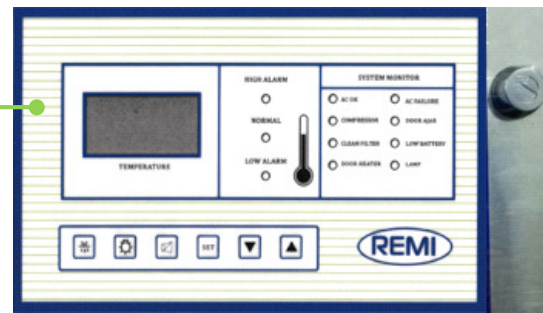# Pharmaceutical Refrigerator – P Series

RPR-500P   RPR-1050P   RPR-1600P

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)**
- Key operated power switch for authorization purpose
- 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-300P	RPR-500P	RPR-1050P	RPR-1600P
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. Key operated Power Switch			
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)