



Glass Door Laboratory Refrigerators

REMI pharmaceutical refrigerators are 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.



Control Panel shows Compressor on, Defrosting, Fan on, Door Heater on, Light on, Power on/off, Set temperature, Manual defrost, Display battery backup, High & Low Alarm, and Power Failure Alarm



Reciprocating
Hermetic Seal
type Compressor

Model: RLR-1050

Temperature Control

- Microprocessor control with LED temperature display give a temperature reading up to 0.1°C.
- Forced-air circulation system ensuring temperature range of 2°C ~ 8°C.
- Liquid temperature sensor will minimize the temperature fluctuation.
- Controller is designed with compressor delay start up, Temperature off set calibration, Auto defrost.

Safety Control

- Microprocessor controller can be locked to prevent unauthorized access.

Alarm systems (Optional)

- Alarm Buzzer and Temperature Display backup system can last for at least 48 – 72 hours during power failure if battery is fully charged.
- The alarm system will alert through buzzer sound or alarm message if the below conditions occur: Out of range for High and Low alarm setting, Power failure, Door open more than 3 minutes.

Cooling System

- High efficient compressor and CFC-FREE refrigerant is used to have fast cooling effects.
- Quiet running fans and compressors create a very low noise level (± 50 dBA)
- Forced-Air circulation system ensuring superior temperature uniformity.

Ergonomic Design

- Automatic cycle defrost ensure no rise in cabinet temperature when doing defrosting.
- The double glass doors give a comprehensive view for the storage samples.
- Safety door lock is designed to prevent accidental or unauthorized access.
- Built in ELCB Circuit Breaker.
- Heating coil give automatic evaporating off the condensate water.
- Four caster wheels provide easy moving capability of the cabinet.
- Remote alarm contact provided as standard for central monitoring alarm system.



RLR-500



RLR-1600

SPECIFICATIONS

Model	RLR-500	RLR-1050	RLR-1600
Body construction	Epoxy coated mild steel		
Temp. working range	2°C to 8°C (Preset at 4°C)		
Temp. setting & display	LED Digital display to 0.1°C		
Temperature Fluctuation	±2.0°C		
Controls panel	Touch-pad icon based controls & display		
Alarm system (Optional)	Audible and Visual alarms with battery back-up. With remote alarm contact		
Alarm conditions (Optional)	High & Low alarm, Door open, Power failure		
Air Circulation	Forced air circulation fan		
Refrigeration compressor	Reciprocating Hermetic seal type		
Compressor power	760 Watts, 1/2hp	820 Watts, 4/6hp	1200 Watts, 1.0 hp
Cooling capacity at 5°C (Btu/hr)	2465	4190	7100
Compressor Sound Level	55dBA	55dBA	55dBA
Refrigerant	R134a, CFC FREE		
Defrost	Automatic cycle defrost		
Indicating lamp	Fluorescent lamp		
Power supply	240VAC, 50Hz single phase		
Rated Load Amps	3.5A	3.7A	5.5A
Capacity	500 litres	1050 litres	1600 litres
Epoxy coated Shelves	5 pcs	10 pcs	15 pcs
Door	1 Swing out heated glass door	2 Swing out heated glass door	3 Swing out heated glass door
Door Lock with Keys	1 unit	2 units	3 units
Chamber dim (mm)WxDxH	540 x 650 x 1430	1150 x 650 x 1430	1770 x 650 x 1430
Overall dim (mm)WxDxH	640 x 840 x 2070	1280 x 840 x 2070	1880 x 840 x 2070
Weight	120kg	165kg	270 kg
Certificate and Standard	ISO13485, MDA Approval Manufacturer		

Optional Accessories

- Stainless Steel Cabinets: "IS"-Interior Stainless steel, "FS"- Interior and Exterior Stainless Steel
- Chart recorder for monitoring temperature of products.
- Temperature logger for monitoring temperature under ISO purposes.
- Auto Dialer-GSM remote monitoring system that can send SMS to user hand phone if having alarm alert.
- Traceable® Refrigerator/Freezer Thermometer is an optional temperature monitoring system.