



RLR-500



RLR-1050



RLR-1600



## Applications

- Designed for daily use in research, clinical, industrial laboratories and research applications. Ideal for storing non-critical products such as reagents, media, food samples and proteins.
- Maintained consistent temperature in order to minimize the risk of bacterial contamination and explosions of volatile materials.

## 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
- 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	RLR-500	RLR-1050	RLR-1600
Capacity	500 liters	1050 liters	1600 liters
Cabinet construction	Powder coated mild steel		
Foam insulation	CFC-free polyurethane		
Temperature working range	2°C to 8°C		
Temp. setting & display	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 (Optional)	Audible and Visual alarms with battery back-up. With remote alarm contact		
Alarm conditions (Optional)	High & Low alarm , Door open, Power failure, Low Battery		
Air Circulation	Force air circulation fan. Special guided air flow system to max uniform temperature distribution		
Refrigeration compressor	Reciprocating Hermetic seal type		
Compressor power	3/8hp	2/5hp	3/4hp
Cooling capacity at 5°C (Btu/hr)	2465	4190	7100
Refrigerant	R134a, CFC FREE		
Defrost	Automatic cycle defrost		
Indicating lamp	LED lamp		
Voltage	240VAC, 50Hz,		
Rated Load Amps	3.5A	5.9A	7.3A
Epoxy coated Shelves	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)	535W x 650D x 1430H	1155W x 650D x 1430H	1770W x 650D x 1430H
Overall dimension (mm)	640W x 825D x 2070H	1260W x 825D x 2070H	1880W x 825D x 2070H
Weight	130 kg	200 kg	280 kg