

Economy Glass Door Laboratory Chillers

The Economy Glass Door Laboratory Chillers is designed for general storage applications in biological products. This product is applicable to research laboratories, drug stores, pharmaceutical plants, hospitals, epidemic prevention services and clinics.



Model: RLC-300



Model: RLC-500



Model: RLC-1050

Temperature Control

- Microprocessor control with LED temperature display.
- Forced-Air Circulation system ensuring temperature range of 2°C ~ 10°C.
- Digital controller ensures the accurate temperature display.

Safety Control

- Microprocessor controller can be locked to prevent unauthorized access.

Cooling System

- High efficient compressor and CFC-FREE refrigerant is used to have fast cooling effects.
- 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.
- Heating coil give automatic evaporating off the condensate water.
- Four caster wheels provide easy moving capability of the cabinet.
- Built in ELCB circuit breaker.

SPECIFICATIONS

Model	RLC-300	RLC-500	RLC-1050	RLC-1600
Body construction	Epoxy coated mild steel			
Temp. working range	2°C to 10°C (Fluctuated)			
Temp. setting & display	Digital display to 0.1°C			
Temperature Fluctuation	±4.0°C			
Controls panel	Touch-pad icon based controls & display			
Air Circulation	Forced air circulation fan			
Refrigeration compressor	Reciprocating Hermetic seal type			
Compressor power	640W; 1/6 hp	760W; 3/8 hp	820W; 2/5 hp	1200W; 3/4 hp
Cooling capacity at 5°C (Btu/hr)	2000 Btu/hr	2465 Btu/hr	4190 Btu/hr	7100 Btu/hr
Refrigerant	R134a, CFC FREE			
Indicating lamp	Fluorescent lamp			
Power supply	240VAC, 50Hz, 1.5A	240VAC, 50Hz, 2.9A	240VAC, 50Hz, 4.8A	240VAC, 50Hz, 7.3A
Capacity	300 litres	500 litres	1050 litres	1600 litres
Epoxy coated Shelves	4 pcs	5 pcs	10 pcs	15 pcs
Door	1 Swing out glass door	1 Swing out heated glass door	2 Swing out heated glass door	3 Swing out heated glass door
Door Lock (Optional)	1 unit of door lock with keys		2 units	3 units
Chamber dim (mm)WxDxH	500x595 x1105	535 x650 x1430	1155x 650x1430	1770x650x1430
Overall dim (mm)WxDxH	590x720 x1720	640x825 x2070	1260x825x2070	1880x825x2070
Weight	72kg	130kg	200kg	280 kg
Certificate	ISO 13485, MDA Approval Manufacturer			