

LSRP-RG-4.5

4.5 Cubic Ft. Glass Door Refrigerator



Under-counter Glass Door Refrigerator

Temperature Range(°C)

2° to 8°

Exterior w x d x h (in)

25.5 x 24.5 x 31.8

Internal w x d x h (in)

21.8 x 17.7 x 23

Capacity (Cu.Ft)

4.5

Weight (lbs)

135

Accurate Control System

This 2°C~8°C medical/vaccine fridge comes equipped with a high precision temperature control system and finely calibrated sensors to ensure temperature uniformity within $\pm 2^{\circ}\text{C}$. We designed this refrigerator with a high brightness digital temperature and humidity display for easy to read automatic temperature control and display accuracy within 0.1°C.

Powerful Refrigeration System

This model is equipped with brand new compressor and condenser, for better cooling performance and temperature uniformity within $\pm 2^{\circ}\text{C}$. The air cooling system with auto-defrost utilizes HCFC-FREE refrigerant to deliver more effective refrigeration and ensures environmentally friendly operation.

Human-Oriented Design

The unit is designed with a front opening lockable door and full height handle. The inside of the refrigerator is designed with a bright LED lighting system for easy visibility within the unit. The light will turn on while door is opened, and the light will go off once the door is closed. The exterior cabinet is made with high quality powder coated steel, and the interior material is aluminum plate with spray HIPS coating, which is durable and easy to clean.



Intelligent Temperature Control

· High-precision microcomputer temperature control system with built-in control/alarm sensors for High/low temperature, Ambient temperature, and Evaporator temperature ensures safe and stable operation.

· 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be adjusted freely.



Security System

· Audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, high ambient alarm, sensor failure alarm, door ajar alarm, power failure alarm etc.

· Buzzer alarm for door ajar more than 1 minute, alarm automatically muted when the door is closed.



Refrigeration System

Equipped with a compressor supplied by an international famous brand, high-efficiency air-cooled condenser and finned evaporator, ensuring fast and consistent refrigeration.



Lighting System

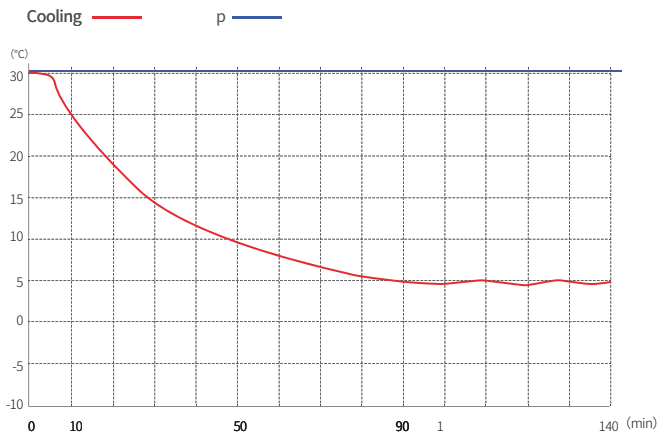
Equipped with LED lighting system, ensuring high visibility inside the cabinet.



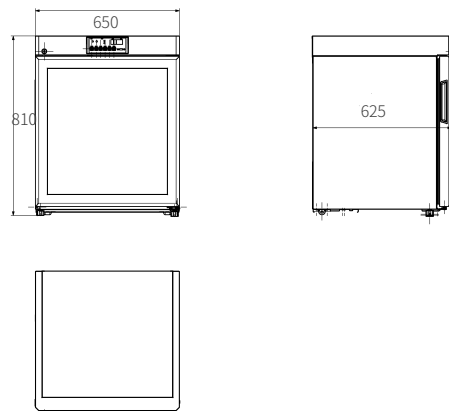
Human-oriented

- Equipped with high-quality shelves made from PVC-coated steel wire, which are easy to clean;
- Equipped with invisible door handle, ensuring elegance of appearance;
- Equipped with testing port, bringing convenience to users in monitoring temperature inside the cabinet.

Performance Data / Cooling Curve



External Dimensions



Model

Cabinet Type	Upright
Capacity (Cu.Ft)	4.5
Internal Size (WxDxH) (inches)	21.8x17.7x15 + 21.8x12.5x8
External Size (WxDxH) (inches)	25.5x24.5x31.8
Package Size (WxDxH) (inches)	28.5x27.7x34.6
NW/GW(Lbs)	112/134

Performance

Temperature Range (C°)	2°~ 8°
Ambient Temperature (C°)	16° - 32°
Controller	Microprocessor
Display	Digital display

Refrigeration

Compressor	Single
Cooling Method	Air cooling
Defrost Mode	Automatic
Refrigerant	R600a
Insulation Thickness(mm)	50

Construction

External Material	Powder coated material
Inner Material	Aluminum plate with spraying
Shelves	3 (Coated steel wire)
Door Lock with Key	Yes
Lighting	LED
Access Port Casters	1pc. Ø 25 mm 2 + 2 (Leveler Feet)

Alarm

Temperature	High/Low temperature, High ambient temperature,
Electrical	Power failure, and Low battery
System	Sensor error, Door ajar, Built-in datalogger USB Failure, Main board communication error, Remote alarm

Electrical

Power Supply(V/HZ)	110/60
Rated Current(A)	1.3

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