

Lab Refrigerator-Freezer Combination

LRFC-A15



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Lab Refrigerator-freezer Combination LRFC-A15 is a floor standing unit with freezer capacity 204 L and refrigerator capacity 315 L. It has microcomputer temperature control system, audible and visual alarm system (built-in alarm sensor), human-centered design and highly efficient separate compressor and separate controller of freezer and refrigerator for easy operations. Its configuration meets the requirement for storage of several materials like reagents, plasma, vaccines, biological products etc.

Features

- Two digital temperature display screens of 1 inch each with high brightness
- Highly efficient compressor and fan to save energy, noiseless working
- Audible and visual alarm system which includes functions like high or low temperature alarm, high ambient temperature alarm, sensor failure alarm, low battery alarm, communication failure (USB), data download failure alarm, door opening alarm, data logging function not enabled alarm, and power off alarm to ensure smooth working and precise conditions of storage
- High or low temperature alarm can be pre-set according to need
- Buzzer alarm: if the door is open for more than 1 min and is switched off when door is closed
- Equipped with door handle for easy opening and also padlock to prevent unauthorized access
- 2 leveling feet at front bottom for steady posture and 4 wheels in front and back for easy displacement
- Freon-free refrigeration to avoid environmental pollution
- CFC-free polyurethane PU foam technology for insulation and thick insulation layer
- Build-in USB data logger for temperature data recording
- Three-layer ABS plastic material used for drawers in the freezer compartment
- Large viewing window on refrigerator door to observe the materials inside
- Built-in thermal printer to print the data

Applications

It is highly suitable to store various materials like blood plasma, reagents, vaccine, biological products, temperature sensitive items etc. It is used in hospitals, clinics, blood banks, laboratories, food industry and at many more places.

Specifications:

Model No	LRFC-A15	
Total capacity	519 L (freezer- 204 L, refrigerator- 315 L)	
Upper Part (refrigerator)	Temperature range	2 to 8°C
	Cooling performance	2°C
	Shelves	4 storage rack 1 shelve
	Interior lighting	LED
	Internal dimension (WxDxH)	750x610x740 mm
	Door lock	yes
	Cooling	Forced air cooling
Lower Part (freezer)	Freezer section	-10 to -40°C
	Cooling performance	-40°C
	Drawer	3 (2 sections on each drawer)
	Interior lighting	LED
	Door lock	yes
	Insulation thickness	50 mm
	Cooling	Direct cooling
	Internal dimension (WxDxH)	650x560x565 mm
Common features	Ambient temperature	16 to 32°C
	Rollers for portability	4 wheels
	Inner material	Stainless steel
	External material	Steel with powder coating
	Compressor	2
	Door with heater	Yes, hot gas surrounding
	External lock	optional
	Display	digital
	Access test port	2
	External dimension (LxWxH)	910x740x1972 mm

Common features	Insulation thickness	100 mm
	Packaging dimension	990×855×2062 mm
	Power Supply	110V/220V, 60Hz /50Hz
	Rated power	382 W
	Input power	560 W
	Current consumption	3.76 (kWh/24h)
	Rated current	2.54 A
	Net weight	186 kg
	Gross weight	215 kg