

**labodam**



# **MEDICAL REFRIGERATOR**

## **LMR-A11**

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# Medical Refrigerator LMR-A11

The Medical Refrigerator LMR-A11 is an upright type freezer comes with 315 L capacity and offers 2°C to 8°C temperature range with display precision of 0.1°C. Features microprocessor controlled system with interior LED display for ease of monitoring. Designed with air cooling system and automatic defrost mode, equipped with eco-friendly refrigerant R600a. Incorporated with five shelves of high quality, made from PVC-coated steel wire with classification marks, and tag cards which are easy to clean. Built-in remote alarm access port and 232/485 data access port. Using USB export interface for automatic storage of data in PDF format from last month to current month. When U-disk is connected, temperature data can be stored automatically and continuously.

## FEATURES

- Managed and monitored by an integrated microprocessor controller
- LED display of inner temperature and ambient temperature
- This product falls under climate N type
- Condensation on glass door is prevented by electrical heater
- Shelves adjustable design, made up of PVC-coated steel wire with classification marks, tag cards, easy to clean
- Data storage for more than 10 years
- Equipped with data logger, USB failure
- Single glass door design with external safety lock with key for safe operation
- Door is equipped with lock, preventing it from opening accidentally
- Lockable caster with two levellers feet for easy mobility
- Incorporated with audible and visual alarm styles as well as start delay protection to ensure reliability in running
- Built- in alarm for condenser high temperature, high and low temperature, high ambient temperature, low battery, power failure, sensor error, door ajar

## APPLICATIONS

The Medical Refrigerator is designed to store reagent, vaccines, drugs, blood plasma, and many other biological materials which is widely used in research, electronic, clinics, institution and medical fields. It is suitable for use in pharmaceutical factories, pharmacies, hospitals, centers for disease prevention & control, clinics, etc.

## SPECIFICATIONS

<b>Model No.</b>	<b>LMR-A11</b>
Temperature Range	2 to 8°C
Ambient Temperature	16 to 32°C
Cooling Performance	2°C
Cabinet Type	Upright
Gross Capacity	315 L
Temperature Control	Microprocessor
Display	Digital
Climate Class	N
Cooling Type	Air cooling
Defrost Mode	Automatic
Refrigerant	R600a
Compressor	1 Piece
Insulation Thickness	R/L:40, U/D:70, B:50 mm
External Material	Powder coated material
Inner Material	HIPS
Noise	42 dB
Shelves	5 (coated steel wired shelf)
Access Test Port	1 piece $\phi$ 24.5 mm
Casters	4 + (2 levellers feet)
Data Logging	USB
Time	Record every 1 minute
Quantity	365 days
Power Supply	220 V/50 Hz, 220 V/60 Hz, 110 V/60 Hz
Rated Power	220 W
Input Power	235 W
Current Consumption	2.05 kWh/24h
Rated Current	1.35 A
Internal Dimension (W×D×H)	580×533×1122 mm
External Dimension (W×D×H)	650×673×1762 mm
Packing Dimension (W×D×H)	734×749×1800 mm
Net Weight	87 kg
Gross Weight	99 kg

## STANDARD ACCESSORIES

<b>Sr.No</b>	<b>Name of Accessories</b>	<b>Quantity</b>
1	Test Hole	1
2	USB Interface	1

## OPTIONAL ACCESSORIES

<b>Sr.No</b>	<b>Name of Accessories</b>	<b>Quantity</b>
1	Printer	1