



-25°C Upright Freezers LD-LUF-A23

LD-LUF-A23

-25°C Upright Freezer LD-LUF-A23 is a direct cooling method comprised, upright biomedical freezer with manual defrost mode and R507 refrigerant, offers 528 L capacity, and a temperature range of -10°C to -25°C with cooling performance of -25°C. Features high-precision microcomputer temperature control system and platinum resistor temperature sensors for precise temperature control. Incorporated with digital display, EBM fan motor and 01 pcs of compressor, this freezer has an advanced alarm system with keyboard lock and password protection, notifies abnormalities in temperature, humidity, system failure. Designed with high quality steel plates with spraying and galvanized steel sheet, two-layer heat insulating foamed door, 03 pcs adjustable shelves, it has adjustable layered structure, rotating handle and, 4 casters (2 casters with leveling feet) with safety door design, ensures safe and reliable operation.

Features:

- Direct cooling method comprised biomedical freezer with manual defrost mode
- Temperature range of -10°C to -25°C with cooling performance of -25°C
- High-precision microcomputer temperature control system, provides precise control
- Platinum resistor temperature sensors, enable inside temperature to be set within -10°C to -25°C
- Digital display, for monitoring various parameters and operating status
- EBM fan motor and 01 pcs of compressor, ensures satisfactory performance
- An advanced alarm system with keyboard lock and password protection
- Designed with high quality steel plates with spraying and galvanized steel sheet
- The two-layer heat insulating foamed door, prevent loss of refrigerating capacity
- Adjustable layered structure, provides convenient storage with flexibility
- Rotating handle to facilitate door opening and closing
- Casters for easy movement with 2 levelling feet
- Safety door design, ensures safe and reliable operation
- High-efficient, corrosion resistant, easy to clean with low maintenance and long life

Application:

The -25°C upright freezer is used in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on

biological materials, vaccines, biological products and military products, etc. across research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Specifications:

Model No.	LD-LUF-A23
Capacity	528 L
Cabinet Type	Upright
Climate Class	N
Cooling Method	Direct cooling
Temperature Range	-10° to -25°C
Cooling Performance	-25°C
Ambient Temperature	16° to 32°C
Insulation thickness	130 mm
External Material	High Quality Steel plates with spraying
Internal Material	Galvanized steel sheet
Shelves	3
Display	Digital display
Controller	Microprocessor
Keypad Lock	Keypad lock with password protection
Access Port	2pcs. Ø 25 mm
Compressor	1 pc
Defrost Mode	Manual
Refrigerant	R290
Casters	4 (2 leveling feet)
Alarm System	High/Low temperature, High ambient temperature, Power failure, Low battery Sensor error, Condenser cooling failure, Door ajar, System failure, Main board communication error, Built-in data logger USB failure

External Lock	Yes
Door lock with Key	Yes
Backup Battery	Yes
Data Logging / Interval / Recording Time	USB/Record every 10 minute / 2 years
Net Weight	234 kgs
Gross Weight	272 kgs
External Dimension (W×D×H)	930×1041×1947 mm
Internal Dimension (W×D×H)	585×696×1266 mm
Packaging Dimension (W×D×H)	1035×1165×2145 mm
Power Consumption	885 W
Power Supply	200 to 240 V, 50 Hz