



-40°C UPRIGHT FREEZERS LUF-B22

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-40°C Upright Freezers LUF-B22 is an upright type freezer comes with 270 L capacity and offers temperature range -20 to -40°C and -40°C cooling performance. Features with microprocessor controlled system with interior digital temperature display to show various parameters simultaneously. Designed with direct cooling system and manual defrost mode, equipped with eco- friendly refrigerant R290, Built-in high-precision microcomputer temperature control system and platinum resistor temperature sensors. It offers high or low temperature alarm, Door open alarm and Keyboard lock, password protection function to prevent arbitrary adjustment of operating parameters.

FEATURES

- Designed with high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control
- Temperature ranges from -20 to -40°C
- EBM fan are powerful, energy-saving and highly efficient
- The cabinet is made from CFC-free polyurethane material, improving thermal insulation performance to a large extent
- The rotating handle facilitates door opening
- Lockable caster for easy mobility
- Freezer interior is designed with 7 drawers made of ABS material
- Two-layer heat insulating foamed door with airbag-typed outer seal and the insulation
- Forced air circulation system
- Highly effective condenser and expansive evaporator to provide quick freezing
- Upright type, Exterior and inside body all made from aluminum plate with spraying material
- Equipped with alarm functions including high/low temperature alarm, and sensor error
- Design with safety door lock, ensure sample storage is more secure

APPLICATIONS

Upright Freezers 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. and Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

SPECIFICATION

Model	LUF-B22
Cabinet type	Upright
Capacity	270 L
Temperature range	-20 to -40°C
Ambient temperature	16 to 32°C
Cooling performance	-40°C
Refrigerant	R290
Defrost Mode	Manual
Cooling method	Direct cooling
Controller	Microprocessor
Display	Digital display
Climate class	N
Insulation thickness	100 mm
Compressor	1
Alarm system	High and low temperature
External material	Powder coated material
Inner material	Aluminum plate with spraying
Shelves	7 (ABS)
Door lock with key	Yes
External Lock	Yes
Access Port	1pcs. Ø 25 mm
Casters	2+ (2 leveling feet)
Data Logging / Interval/	USB/ Record every 10 minute / 2 years
Electrical	Power failure, Low battery
System	Sensor error
Construction	Door ajar
Rated power	255 W
Input power	575 W
Rated current	2.63 A
Power consumption	2.86 KWh/24h
Power supply	220 V /50 Hz
Internal dimension	500× 460 ×1235 mm
External dimension	700 × 640 × 1792 mm
Package size	815 × 755 × 2040 mm
Net weight	94 kg
Gross weight	102 kg