



-40°C Upright Freezers LUF-B20

-40°C Upright Freezers LUF-B20 is an upright type freezer comes with 90 L capacity and offers temperature range -10 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 CFC-Free, 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 -10 to -40°C
- ❑ Powerful compressor, 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
- ❑ 100 mm thick insulation layer for both cabinet and doors saves energy
- ❑ Lockable caster for easy mobility
- ❑ Multi-layer shelves evaporator, fast cooling
- ❑ Door frame heating design prevents sealed strip from frosting
- ❑ Dual door design with independent locks reduces air leakage
- ❑ Forced air circulation system
- ❑ Testing hole at back of freezer for convenient testing
- ❑ Upright type, with LED digital display
- ❑ Designed with Alarm functions for High/Low Temperature, Power Failure, Sensor Error, Low Battery, Door Ajar, High Ambient Temperature, USB Failure
- ❑ Design with safety door lock, ensure sample storage is more secure

Application :

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.

Specifications:

Model	LUF-B20
Cabinet type	Upright
Capacity	90 L
Temperature range	-10 to -40°C
Ambient temperature	10 to 32°C
Cooling performance	-40°C
Refrigerant	CFC-Free
Defrost Mode	Manual
Cooling method	Direct cooling
Controller	Microprocessor
Climate class	N type
Display	LED digital display
Noise	40 dB
Compressor	Yes
Alarm system	High and low temperature
External material	Powder coated steel
Inner material	Powder coated aluminum
Shelves	2/3
Door	1 foaming door
Door lock	Yes

Test hole	Yes
Access Port	Yes
Casters	4
Electrical	Power failure, Low battery
System	Sensor error
Construction	Door ajar
Rated power	370 W
Rated current	1.68 A
Power consumption	1.69 KWh/24h
Power supply	220V, 50 Hz / 60 Hz
Internal dimension	500 × 485 × 532 mm
External dimension	700 × 669 × 854 mm
Packing dimension	745 × 712 × 927 mm
Net weight	54 kg
Gross weight	59 kg