



## **-40°C Upright Freezer LUF-B10**

-40°C Upright Freezer LUF-B10 is a direct cooling comprised microprocessor controlled upright type unit, offers 270 L of capacity with -40°C of cooling performance and -20 to -40°C of temperature control range. With manual defrost mode and R290 refrigerant, features high-efficient EBM fan and compressor. Designed with powder coated materialized housing with two-layer thermal insulating foamed door and sprayed aluminum plated interior with 7 adjustable shelves. Equipped with digital display, PRT sensors and advanced alarm system, also has keyboard lock function and door lock for assured safe storage of samples.

### FEATURES

- A direct cooling comprised microprocessor controlled upright type unit
- 270 L of capacity with -40°C of cooling performance and -20 to -40°C of temperature control range
- Manual defrost mode and R290 refrigerant, energy-efficient and environment-friendly
- High-efficient EBM fan and compressor, ensures efficient and even temperature
- Powder coated materialized housing with two-layer thermal insulating foamed door
- Sprayed aluminum plated interior with 7 adjustable shelves, convenient storage
- Digital display, allows to control and monitor the temperature range • PRT sensors and advanced alarm system, provides precise and safe operation
- Keyboard lock function and door lock for assured safe storage of samples
- High-efficient, stable and reliable multigrade unit for different sample storage

### APPLICATION

-40°C Upright Freezers are used for scientific research, cryogenic test, blood plasma cryopreservation, low temperature resistance across the research institutes, electronic industry, chemical industry, hospitals, health & disease prevention system, colleges & universities, military enterprises, etc.

### SPECIFICATION

MODEL	LUF-B10
Cabinet Type	Upright
Capacity	270 L
Temperature Range	-20° to -40°C

## -40°C Upright Freezer LUF-B10

Ambient Temperature	16° to 32°C
Cooling Performance	-40°C
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R290
Climate Class	N
Controller	Microprocessor
Display	Digital display
Compressor	1 pc
Alarm System	High/low temperature, sensor failure, door ajar
External Material	Powder coated material
Internal Material	Aluminum plate with spraying
Insulation thickness	100 mm
Shelves	7 (ABS)
Casters	2+ 2 (leveling feet)
Door lock with Key	Yes
Keypad Lock	Yes
Access Port	1 pc. Ø 25 mm
Power Supply	220 to 240 V 50 Hz
Rated Current	2.8 A
Internal Dimension (W×D×H)	500×460×1235 mm
External Dimension (W×D×H)	700×640×1792 mm
Packaging Dimension (W×D×H)	760×720×1885 mm
Net Weight	90 kg
Gross Weight	102 kg